

## National Marine Fisheries Service - 4th Quarter 2020 Update

Table A. Summary of Stock Status for FSSI Stocks

| Jurisdiction | FMP  | Stock  | Overfishing?<br>(Is Fishing Mortality above Threshold?) | Overfished?<br>(Is Biomass below Threshold?) | Approaching Overfished | Management Action Required            | Rebuilding Program Progress | B/B <sub>MSY</sub> | Points |
|--------------|--|--|---|--|------------------------|---------------------------------------|-----------------------------|--------------------|--------|
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Atlantic sharpnose shark - Atlantic                | No  | No   | No                     | NA                                    | NA                          | 2.08               | 4      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Atlantic sharpnose shark - Gulf of Mexico          | No  | No   | No                     | NA                                    | NA                          | 1.02               | 4      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Blacknose shark - Atlantic                         | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 9 of 30-year plan      | 0.43-0.64          | 1      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Blacktip shark - Atlantic                          | Unknown   | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 0      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Blacktip shark - Gulf of Mexico                    | No  | No   | No                     | NA                                    | NA                          | 2.62               | 4      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Finetooth shark - Atlantic and Gulf of Mexico      | No  | No   | No                     | NA                                    | NA                          | 1.30               | 4      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Great hammerhead - Atlantic and Gulf of Mexico     | Unknown   | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 0      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Lemon shark - Atlantic and Gulf of Mexico          | Unknown   | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 0      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Sandbar shark - Atlantic and Gulf of Mexico        | No  | Yes  | NA                     | Continue Rebuilding                   | Year 17 of 66-year plan     | 0.77               | 2      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Scalloped hammerhead - Atlantic and Gulf of Mexico | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 9 of 10-year plan      | 0.45               | 1      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Smooth dogfish - Atlantic                          | No  | No   | No                     | NA                                    | NA                          | 2.29               | 4      |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species                   | Smooth hammerhead - Atlantic and Gulf of Mexico    | Unknown   | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 0      |
| CFMC         | Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean spiny lobster - Puerto Rico              | No  | No   | No                     | NA                                    | NA                          | 1.35               | 4      |

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| CFMC         | Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean spiny lobster - St. Croix             | No  | No   | No                     | NA                         | NA                          | 1.96               | 4      |
| CFMC         | Spiny Lobster Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean spiny lobster - St. Thomas / St. John | No  | No   | No                     | NA                         | NA                          | 1.55               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Gag - Gulf of Mexico                            | No  | No   | No                     | NA                         | NA                          | 1.78               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Gray snapper - Gulf of Mexico                   | No  | No   | No                     | NA                         | NA                          | 0.70               | 3      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Gray triggerfish - Gulf of Mexico *             | No  | No - Rebuilding                              | No                     | Continue Rebuilding        | Year 4 of 8-year plan       | 0.58               | 3      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Greater amberjack - Gulf of Mexico *            | No  | Yes  | NA                     | Continue Rebuilding        | Year 4 of 10-year plan      | 0.29               | 2      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Hogfish - Eastern Gulf of Mexico                | No  | No   | No                     | NA                         | NA                          | 2.36               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Lane snapper - Gulf of Mexico                   | Yes   | Unknown                                      | Unknown                | Reduce mortality           | NA                          | not estimated      | 0.5    |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Red grouper - Gulf of Mexico                    | No  | No   | No                     | NA                         | NA                          | 0.82               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Red snapper - Gulf of Mexico *                  | No  | No - Rebuilding                              | No                     | Continue Rebuilding        | Year 17 of 28-year plan     | 0.70               | 3      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Tilefish - Gulf of Mexico *                     | No  | No   | Unknown                | NA                         | NA                          | 2.30               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Vermilion snapper - Gulf of Mexico              | No  | No   | No                     | NA                         | NA                          | 1.75               | 4      |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                        | Yellowedge grouper - Gulf of Mexico *           | No  | No   | No                     | NA                         | NA                          | 1.11               | 4      |
| GMFMC        | Shrimp Fishery of the Gulf of Mexico                             | Brown shrimp - Gulf of Mexico                   | No  | No   | No                     | NA                         | NA                          | 4.39               | 4      |
| GMFMC        | Shrimp Fishery of the Gulf of Mexico                             | Pink shrimp - Gulf of Mexico                    | No  | No   | No                     | NA                         | NA                          | 2.65               | 4      |

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|--------------|--|---|---|--|------------------------|---------------------------------------|-----------------------------|--------------------|--------|
| GMFMC        | Shrimp Fishery of the Gulf of Mexico     | Royal red shrimp - Gulf of Mexico                       | No  | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 1.5    |
| GMFMC        | Shrimp Fishery of the Gulf of Mexico     | White shrimp - Gulf of Mexico                           | No  | No   | No                     | NA                                    | NA                          | 1.76               | 4      |
| MAFMC        | Mackerel, Squid and Butterfish           | Atlantic mackerel - Gulf of Maine / Cape Hatteras       | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 3 of 5-year plan       | 0.22               | 1      |
| MAFMC        | Mackerel, Squid and Butterfish           | Butterfish - Gulf of Maine / Cape Hatteras              | No  | No   | No                     | NA                                    | NA                          | 1.41               | 4      |
| MAFMC        | Mackerel, Squid and Butterfish           | Longfin inshore squid - Georges Bank / Cape Hatteras    | Unknown   | No   | No                     | NA                                    | NA                          | 1.74               | 2.5    |
| MAFMC        | Mackerel, Squid and Butterfish           | Northern shortfin squid - Northwestern Atlantic Coast * | No  | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 1.5    |
| MAFMC        | Atlantic Surfclam and Ocean Quahog       | Atlantic surfclam - Mid-Atlantic Coast                  | No  | No   | No                     | NA                                    | NA                          | 2.54               | 4      |
| MAFMC        | Atlantic Surfclam and Ocean Quahog       | Ocean quahog - Atlantic Coast                           | No  | No   | No                     | NA                                    | NA                          | 1.63               | 4      |
| MAFMC        | Bluefish                                 | Bluefish - Atlantic Coast *                             | No  | Yes  | NA                     | Rebuilding Program                    | NA                          | 0.46               | 2      |
| MAFMC        | Summer Flounder, Scup and Black Sea Bass | Black sea bass - Mid-Atlantic Coast                     | No  | No   | No                     | NA                                    | NA                          | 2.37               | 4      |
| MAFMC        | Summer Flounder, Scup and Black Sea Bass | Scup - Atlantic Coast                                   | No  | No   | No                     | NA                                    | NA                          | 1.98               | 4      |
| MAFMC        | Summer Flounder, Scup and Black Sea Bass | Summer flounder - Mid-Atlantic Coast                    | No  | No   | No                     | NA                                    | NA                          | 0.78               | 3      |
| MAFMC        | Tilefish                                 | Tilefish - Mid-Atlantic Coast                           | No  | No   | No                     | NA                                    | NA                          | 0.89               | 4      |
| NEFMC        | Atlantic Herring                         | Atlantic herring - Northwestern Atlantic Coast*         | No  | Yes  | NA                     | Rebuilding Program                    | NA                          | 0.29               | 2      |

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| NEFMC        | Atlantic Sea Scallop   | Sea scallop - Northwestern Atlantic Coast           | No  | No   | No                     | NA                                    | NA                          | 2.72               | 4      |
| NEFMC        | Northeast Multispecies | Acadian redfish - Gulf of Maine / Georges Bank      | No  | No   | No                     | NA                                    | NA                          | 1.45               | 4      |
| NEFMC        | Northeast Multispecies | American plaice - Gulf of Maine / Georges Bank      | No  | No   | No                     | NA                                    | NA                          | 1.16               | 4      |
| NEFMC        | Northeast Multispecies | Atlantic cod - Georges Bank*                        | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 18 of 23-year plan     | 0.07               | 1      |
| NEFMC        | Northeast Multispecies | Atlantic cod - Gulf of Maine*                       | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 8 of 10-year plan      | 0.06-0.09          | 1      |
| NEFMC        | Northeast Multispecies | Atlantic halibut - Northwestern Atlantic Coast*     | No  | Yes  | NA                     | Continue Rebuilding                   | Year 18 of 52-year plan     | 0.03               | 2      |
| NEFMC        | Northeast Multispecies | Haddock - Georges Bank                              | No  | No   | No                     | NA                                    | NA                          | 3.65               | 4      |
| NEFMC        | Northeast Multispecies | Haddock - Gulf of Maine                             | No  | No   | No                     | NA                                    | NA                          | 10.35              | 4      |
| NEFMC        | Northeast Multispecies | Pollock - Gulf of Maine / Georges Bank              | No  | No   | No                     | NA                                    | NA                          | 1.70               | 4      |
| NEFMC        | Northeast Multispecies | Red hake - Southern Georges Bank / Mid-Atlantic *   | Yes   | Yes  | NA                     | Reduce Mortality, Rebuilding Program  | NA                          | 0.37               | 1      |
| NEFMC        | Northeast Multispecies | Silver hake - Gulf of Maine / Northern Georges Bank | No  | No   | No                     | NA                                    | NA                          | 3.10               | 4      |
| NEFMC        | Northeast Multispecies | Silver hake - Southern Georges Bank / Mid-Atlantic  | No  | No   | No                     | NA                                    | NA                          | 0.64               | 3      |
| NEFMC        | Northeast Multispecies | White hake - Gulf of Maine / Georges Bank *         | No  | Yes  | NA                     | Continue Rebuilding                   | Year 18 of 10-year plan     | 0.50               | 2      |

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| NEFMC         | Northeast Multispecies                            | Winter flounder - Georges Bank *                            | No  | Yes  | NA                     | Continue Rebuilding        | Year 3 of 10-year plan      | 0.24               | 2      |
| NEFMC         | Northeast Multispecies                            | Winter flounder - Gulf of Maine                             | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NEFMC         | Northeast Multispecies                            | Winter flounder - Southern New England / Mid-Atlantic *     | No  | Yes  | NA                     | Continue Rebuilding        | Year 9 of 10-year plan      | 0.18               | 2      |
| NEFMC         | Northeast Multispecies                            | Witch flounder - Northwestern Atlantic Coast*               | Unknown   | Yes  | NA                     | Continue Rebuilding        | Year 3 of 23-year plan      | <<1                | 0.5    |
| NEFMC         | Northeast Multispecies                            | Yellowtail flounder - Cape Cod / Gulf of Maine              | No  | No - Rebuilding                              | No                     | Continue Rebuilding        | Year 18 of 19-year plan     | 0.62               | 3      |
| NEFMC         | Northeast Multispecies                            | Yellowtail flounder - Southern New England / Mid-Atlantic * | No  | Yes  | NA                     | Continue Rebuilding        | Year 3 of 10-year plan      | 0.05               | 2      |
| NEFMC         | Northeast Skate Complex                           | Little skate - Georges Bank / Southern New England          | No  | No   | No                     | NA                         | NA                          | 0.87               | 4      |
| NEFMC         | Northeast Skate Complex                           | Winter skate - Georges Bank / Southern New England          | No  | No   | No                     | NA                         | NA                          | 1.28               | 4      |
| NEFMC / MAFMC | Monkfish  | Goosefish - Gulf of Maine / Northern Georges Bank *         | No  | No   | No                     | NA                         | NA                          | 1.31               | 4      |
| NEFMC / MAFMC | Monkfish  | Goosefish - Southern Georges Bank / Mid-Atlantic *          | No  | No   | No                     | NA                         | NA                          | 1.55               | 4      |
| NEFMC / MAFMC | Spiny Dogfish                                     | Spiny dogfish - Atlantic Coast                              | No  | No   | No                     | NA                         | NA                          | 0.67               | 3      |
| NPFMC         | Bering Sea/Aleutian Islands King and Tanner Crabs | Golden king crab - Aleutian Islands *                       | No  | No   | No                     | NA                         | NA                          | 1.55<br>1.11       | 4      |
| NPFMC         | Bering Sea/Aleutian Islands King and Tanner Crabs | Red king crab - Bristol Bay                                 | No  | No   | No                     | NA                         | NA                          | 0.76               | 3      |

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| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs                 | Red king crab - Norton Sound                          | No  | No   | No                     | NA                         | NA                          | 0.80               | 4      |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs                 | Snow crab - Bering Sea                                | No  | No   | No                     | NA                         | NA                          | 1.33               | 4      |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs                 | Southern Tanner crab - Bering Sea                     | No  | No   | No                     | NA                         | NA                          | 0.96               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Alaska plaice - Bering Sea / Aleutian Islands         | No  | No   | No                     | NA                         | NA                          | 1.84               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Arrowtooth flounder - Bering Sea / Aleutian Islands   | No  | No   | No                     | NA                         | NA                          | 2.35               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Atka mackerel - Bering Sea / Aleutian Islands         | No  | No   | No                     | NA                         | NA                          | 1.24               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Flathead Sole Complex * | No  | No   | No                     | NA                         | NA                          | 2.08               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Rock Sole Complex*      | No  | No   | No                     | NA                         | NA                          | 2.47               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Skate Complex *         | No  | No   | No                     | NA                         | NA                          | 1.70               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Greenland halibut - Bering Sea / Aleutian Islands     | No  | No   | No                     | NA                         | NA                          | 1.59               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Kamchatka flounder - Bering Sea / Aleutian Islands    | No  | No   | No                     | NA                         | NA                          | 1.40               | 4      |

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| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Northern rockfish - Bering Sea / Aleutian Islands                    | No  | No   | No                     | NA                         | NA                          | 1.89               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Pacific cod - Aleutian Islands                                       | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Pacific cod - Bering Sea   | No  | No   | No                     | NA                         | NA                          | 1.32               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Pacific ocean perch - Bering Sea / Aleutian Islands                  | No  | No   | No                     | NA                         | NA                          | 1.81               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Walleye pollock - Aleutian Islands                                   | No  | No   | No                     | NA                         | NA                          | 1.26               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Walleye pollock - Bogoslof   | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Walleye pollock - Eastern Bering Sea                                 | No  | No   | No                     | NA                         | NA                          | 1.56               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area                                    | Yellowfin sole - Bering Sea / Aleutian Islands                       | No  | No   | No                     | NA                         | NA                          | 1.86               | 4      |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area / Groundfish of the Gulf of Alaska | Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska * | No  | No   | No                     | NA                         | NA                          | 0.93               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska   | Arrowtooth flounder - Gulf of Alaska                                 | No  | No   | No                     | NA                         | NA                          | 2.85               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska   | Dusky rockfish - Gulf of Alaska                                      | No  | No   | No                     | NA                         | NA                          | 1.31               | 4      |

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| NPFMC        | Groundfish of the Gulf of Alaska | Flathead sole - Gulf of Alaska                                    | No  | No   | No                     | NA                         | NA                          | 2.60               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Gulf of Alaska Blackspotted and Roughey Rockfish Complex *        | No  | No   | No                     | NA                         | NA                          | 1.96               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Gulf of Alaska Demersal Shelf Rockfish Complex *                  | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NPFMC        | Groundfish of the Gulf of Alaska | Gulf of Alaska Shallow Water Flatfish Complex *                   | No  | No   | No                     | NA                         | NA                          | 2.32               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Gulf of Alaska Thornyhead Rockfish Complex *                      | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NPFMC        | Groundfish of the Gulf of Alaska | Northern rockfish - Western / Central Gulf of Alaska              | No  | No   | No                     | NA                         | NA                          | 1.49               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Pacific cod - Gulf of Alaska                                      | No  | No   | No                     | NA                         | NA                          | 0.66               | 3      |
| NPFMC        | Groundfish of the Gulf of Alaska | Pacific ocean perch - Gulf of Alaska                              | No  | No   | No                     | NA                         | NA                          | 1.75               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Rex sole - Gulf of Alaska   | No  | No   | No                     | NA                         | NA                          | 2.36               | 4      |
| NPFMC        | Groundfish of the Gulf of Alaska | Shortraker rockfish - Gulf of Alaska                              | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| NPFMC        | Groundfish of the Gulf of Alaska | Walleye pollock - Western / Central / West Yakutat Gulf of Alaska | No  | No   | No                     | NA                         | NA                          | 1.68               | 4      |
| PFMC         | Coastal Pelagic Species          | Northern anchovy - Southern Pacific Coast                         | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| PFMC         | Coastal Pelagic Species          | Pacific chub mackerel - Pacific Coast *                           | No  | No   | No                     | NA                         | NA                          | not estimated      | 4      |
| PFMC         | Coastal Pelagic Species          | Pacific sardine - Northern Subpopulation *                        | No  | Yes  | NA                     | Rebuilding Program         | NA                          | not estimated      | 2      |
| PFMC         | Pacific Coast Groundfish         | Arrowtooth flounder - Pacific Coast                               | No  | No   | No                     | NA                         | NA                          | 3.47               | 4      |

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| PFMC         | Pacific Coast Groundfish | Aurora rockfish - Pacific Coast               | Unknown   | No   | No                     | NA                         | NA                          | 1.59               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Big skate - Pacific Coast                     | No  | No   | No                     | NA                         | NA                          | 1.98               | 4      |
| PFMC         | Pacific Coast Groundfish | Black rockfish - California                   | No  | No   | No                     | NA                         | NA                          | 0.83               | 4      |
| PFMC         | Pacific Coast Groundfish | Black rockfish - Oregon                       | No  | No   | No                     | NA                         | NA                          | 1.51               | 4      |
| PFMC         | Pacific Coast Groundfish | Blackgill rockfish - Southern California      | Unknown   | No   | No                     | NA                         | NA                          | 0.98               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Bocaccio - Southern Pacific Coast             | No  | No   | No                     | NA                         | NA                          | 1.22               | 4      |
| PFMC         | Pacific Coast Groundfish | Brown rockfish - Pacific Coast                | Unknown   | No   | No                     | NA                         | NA                          | 1.06               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Cabazon - California                          | No  | No   | No                     | NA                         | NA                          | 1.63<br>1.23       | 4      |
| PFMC         | Pacific Coast Groundfish | Cabazon - Oregon                              | No  | No   | No                     | NA                         | NA                          | 1.32               | 4      |
| PFMC         | Pacific Coast Groundfish | California Blue and Deacon Rockfish Complex * | Unknown   | No   | No                     | NA                         | NA                          | 0.93               | 2.5    |
| PFMC         | Pacific Coast Groundfish | California scorpionfish - Southern California | No  | No   | No                     | NA                         | NA                          | 1.36               | 4      |
| PFMC         | Pacific Coast Groundfish | Canary rockfish - Pacific Coast               | No  | No   | No                     | NA                         | NA                          | 1.39               | 4      |
| PFMC         | Pacific Coast Groundfish | Chilipepper - Southern Pacific Coast          | No  | No   | No                     | NA                         | NA                          | 1.73               | 4      |
| PFMC         | Pacific Coast Groundfish | Cowcod - Southern California                  | No  | No   | No                     | NA                         | NA                          | 2.86               | 4      |
| PFMC         | Pacific Coast Groundfish | Darkblotched rockfish - Pacific Coast         | No  | No   | No                     | NA                         | NA                          | 1.00               | 4      |
| PFMC         | Pacific Coast Groundfish | Dover sole - Pacific Coast                    | No  | No   | No                     | NA                         | NA                          | 3.35               | 4      |
| PFMC         | Pacific Coast Groundfish | English sole - Pacific Coast                  | No  | No   | No                     | NA                         | NA                          | 3.52               | 4      |
| PFMC         | Pacific Coast Groundfish | Gopher rockfish - Northern California         | Unknown   | No   | Unknown                | NA                         | NA                          | 2.42               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Kelp greenling - Oregon                       | Unknown   | No   | No                     | NA                         | NA                          | 1.99               | 2.5    |

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| PFMC         | Pacific Coast Groundfish | Lingcod - Northern Pacific Coast             | No  | No   | No                     | NA                         | NA                          | 1.45               | 4      |
| PFMC         | Pacific Coast Groundfish | Lingcod - Southern Pacific Coast             | No  | No   | No                     | NA                         | NA                          | 0.82               | 4      |
| PFMC         | Pacific Coast Groundfish | Longnose skate - Pacific Coast               | No  | No   | No                     | NA                         | NA                          | 2.83               | 4      |
| PFMC         | Pacific Coast Groundfish | Longspine thornyhead - Pacific Coast         | No  | No   | No                     | NA                         | NA                          | 1.88               | 4      |
| PFMC         | Pacific Coast Groundfish | Oregon Blue and Deacon Rockfish Complex *    | Unknown   | No   | No                     | NA                         | NA                          | 1.71               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Pacific ocean perch - Pacific Coast          | No  | No   | No                     | NA                         | NA                          | 1.92               | 4      |
| PFMC         | Pacific Coast Groundfish | Pacific sanddab - Pacific Coast              | Unknown   | No   | No                     | NA                         | NA                          | >1                 | 2.5    |
| PFMC         | Pacific Coast Groundfish | Petrable sole - Pacific Coast                | No  | No   | No                     | NA                         | NA                          | 1.23               | 4      |
| PFMC         | Pacific Coast Groundfish | Rex sole - Pacific Coast                     | Unknown   | No   | No                     | NA                         | NA                          | 3.20               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Sablefish - Pacific Coast                    | No  | No   | No                     | NA                         | NA                          | 0.97               | 4      |
| PFMC         | Pacific Coast Groundfish | Sharpchin rockfish - Pacific Coast           | Unknown   | No   | No                     | NA                         | NA                          | 1.70               | 2.5    |
| PFMC         | Pacific Coast Groundfish | Shortbelly rockfish - Pacific Coast          | No  | No   | No                     | NA                         | NA                          | 1.67               | 4      |
| PFMC         | Pacific Coast Groundfish | Shortspine thornyhead - Pacific Coast        | No  | No   | No                     | NA                         | NA                          | 1.85               | 4      |
| PFMC         | Pacific Coast Groundfish | Spiny dogfish - Pacific Coast                | No  | No   | No                     | NA                         | NA                          | 1.58               | 4      |
| PFMC         | Pacific Coast Groundfish | Stripetail rockfish - Pacific Coast          | Unknown   | No   | No                     | NA                         | NA                          | not estimated      | 2.5    |
| PFMC         | Pacific Coast Groundfish | Vermilion rockfish - California              | Unknown   | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 0      |
| PFMC         | Pacific Coast Groundfish | Widow rockfish - Pacific Coast               | No  | No   | No                     | NA                         | NA                          | 2.30               | 4      |
| PFMC         | Pacific Coast Groundfish | Yellowtail rockfish - Northern Pacific Coast | No  | No   | No                     | NA                         | NA                          | 1.88               | 4      |

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Table A. Summary of Stock Status for FSSI Stocks

| Jurisdiction | FMP  | Stock   | Overfishing?<br>(Is Fishing Mortality above Threshold?) | Overfished?<br>(Is Biomass below Threshold?) | Approaching Overfished | Management Action Required | Rebuilding Program Progress | B/B <sub>MSY</sub> | Points |
|--------------|--|---|---|--|------------------------|----------------------------|-----------------------------|--------------------|--------|
| PFMC         | Pacific Coast Salmon                                 | Chinook salmon - California Central Valley: Sacramento River Fall * | No  | Yes  | NA                     | Continue Rebuilding        | Year 3 of 3-year plan       | 0.74               | 2      |
| PFMC         | Pacific Coast Salmon                                 | Chinook salmon - Northern California Coast: Klamath River Fall *    | No  | Yes  | NA                     | Continue Rebuilding        | Year 3 of 2-year plan       | 0.48               | 2      |
| SAFMC        | Dolphin and Wahoo Fishery of the Atlantic            | Dolphinfish - Southern Atlantic Coast                               | No  | No   | No                     | NA                         | NA                          | 1.56               | 4      |
| SAFMC        | Shrimp Fishery of the South Atlantic Region          | Brown rock shrimp - Southern Atlantic Coast                         | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| SAFMC        | Shrimp Fishery of the South Atlantic Region          | Brown shrimp - Southern Atlantic Coast                              | No  | No   | No                     | NA                         | NA                          | 6.65               | 4      |
| SAFMC        | Shrimp Fishery of the South Atlantic Region          | Pink shrimp - Southern Atlantic Coast                               | No  | No   | No                     | NA                         | NA                          | 5.39               | 4      |
| SAFMC        | Shrimp Fishery of the South Atlantic Region          | White shrimp - Southern Atlantic Coast                              | No  | No   | No                     | NA                         | NA                          | 8.33               | 4      |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region | Black sea bass - Southern Atlantic Coast                            | No  | No   | No                     | NA                         | NA                          | 0.71               | 3      |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region | Blueline tilefish - Southern Atlantic Coast *                       | No  | No   | No                     | NA                         | NA                          | 1.06               | 4      |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region | Gag - Southern Atlantic Coast                                       | No  | No   | No                     | NA                         | NA                          | 0.97               | 4      |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region | Gray triggerfish - Southern Atlantic Coast *                        | No  | Unknown                                      | Unknown                | NA                         | NA                          | not estimated      | 1.5    |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region | Greater amberjack - Southern Atlantic Coast                         | No  | No   | No                     | NA                         | NA                          | 2.10               | 4      |

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Table A. Summary of Stock Status for FSSI Stocks

| Jurisdiction  | FMP  | Stock                                       | Overfishing?<br>(Is Fishing Mortality above Threshold?) | Overfished?<br>(Is Biomass below Threshold?) | Approaching Overfished | Management Action Required            | Rebuilding Program Progress | B/B <sub>MSY</sub> | Points |
|---------------|--|---|---|--|------------------------|---------------------------------------|-----------------------------|--------------------|--------|
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Red grouper - Southern Atlantic Coast       | No  | Yes  | NA                     | Continue Rebuilding                   | Year 10 of 9-year plan      | 0.29               | 2      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Red porgy - Southern Atlantic Coast *       | Yes   | Yes  | No                     | Reduce Mortality, Continue Rebuilding | Year 23 of 19-year plan     | 0.27               | 1      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Red snapper - Southern Atlantic Coast       | Yes   | Yes  | NA                     | Reduce Mortality, Continue Rebuilding | Year 11 of 35-year plan     | 0.16               | 1      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Scamp - Southern Atlantic Coast             | No  | Unknown                                      | Unknown                | NA                                    | NA                          | not estimated      | 1.5    |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Snowy grouper - Southern Atlantic Coast     | No  | Yes  | NA                     | Continue Rebuilding                   | Year 16 of 34-year plan     | 0.49               | 2      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Tilefish - Southern Atlantic Coast          | Yes   | No   | No                     | Reduce Mortality                      | NA                          | 0.85               | 3      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region                         | Vermilion snapper - Southern Atlantic Coast | No  | No   | No                     | NA                                    | NA                          | 1.13               | 4      |
| SAFMC / GMFMC | Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic | Cobia - Gulf of Mexico                      | Yes   | No   | No                     | Reduce Mortality                      | NA                          | 0.69               | 2      |
| SAFMC / GMFMC | Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic | King mackerel - Gulf of Mexico              | No  | No   | No                     | NA                                    | NA                          | 0.92               | 4      |
| SAFMC / GMFMC | Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic | King mackerel - Southern Atlantic Coast     | No  | No   | No                     | NA                                    | NA                          | 1.74               | 4      |

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Table A. Summary of Stock Status for FSSI Stocks

| Jurisdiction  | FMP  | Stock   | Overfishing?<br>(Is Fishing Mortality above Threshold?) | Overfished?<br>(Is Biomass below Threshold?) | Approaching Overfished | Management Action Required           | Rebuilding Program Progress | B/B <sub>MSY</sub> | Points |
|---------------|--|---|---|--|------------------------|--------------------------------------|-----------------------------|--------------------|--------|
| SAFMC / GMFMC | Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic                     | Spanish mackerel - Gulf of Mexico                               | No  | No   | No                     | NA                                   | NA                          | 1.84               | 4      |
| SAFMC / GMFMC | Coastal Migratory Pelagic Resources of the Gulf of Mexico and South Atlantic                     | Spanish mackerel - Southern Atlantic Coast                      | No  | No   | No                     | NA                                   | NA                          | 1.49               | 4      |
| SAFMC / GMFMC | Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico | Black grouper - Southern Atlantic Coast / Gulf of Mexico        | No  | No   | No                     | NA                                   | NA                          | 1.40               | 4      |
| SAFMC / GMFMC | Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico | Mutton snapper - Southern Atlantic Coast / Gulf of Mexico       | No  | No   | No                     | NA                                   | NA                          | 1.13               | 4      |
| SAFMC / GMFMC | Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico | Yellowtail snapper - Southern Atlantic Coast / Gulf of Mexico   | No  | No   | No                     | NA                                   | NA                          | 1.42               | 4      |
| WPFMC         | American Samoa Archipelago Ecosystem   | American Samoa Bottomfish Multi-species Complex *               | Yes   | Yes  | NA                     | Reduce Mortality, Rebuilding Program | NA                          | 0.38               | 1      |
| WPFMC         | Hawaii Archipelago Ecosystem   | Green jobfish - Main Hawaiian Islands *                         | No  | No   | No                     | NA                                   | NA                          | 2.45               | 4      |
| WPFMC         | Hawaii Archipelago Ecosystem   | Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex * | No  | No   | No                     | NA                                   | NA                          | 1.31<br>1.27       | 4      |
| WPFMC         | Hawaii Archipelago Ecosystem   | Spanner crab - Main Hawaiian Islands                            | Unknown   | Unknown                                      | Unknown                | NA                                   | NA                          | not estimated      | 0      |

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Table A. Summary of Stock Status for FSSI Stocks

| Jurisdiction | FMP                           | Stock   | Overfishing?<br>(Is Fishing Mortality above Threshold?) | Overfished?<br>(Is Biomass below Threshold?) | Approaching Overfished | Management Action Required | Rebuilding Program Progress | B/B <sub>MSY</sub> | Points |
|--------------|-------------------------------|---|---|--|------------------------|----------------------------|-----------------------------|--------------------|--------|
| WPFMC        | Mariana Archipelago Ecosystem | Guam Bottomfish Multi-species Complex *                     | No  | Yes  | NA                     | Rebuilding Program         | NA                          | 0.58               | 2      |
| WPFMC        | Mariana Archipelago Ecosystem | Northern Mariana Islands Bottomfish Multi-species Complex * | No  | No   | No                     | NA                         | NA                          | 1.08               | 4      |

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Table B. Endnotes for FSSI Stocks

| Jurisdiction | Stock   | Endnotes   |
|--------------|---|--|
| GMFMC        | Gray triggerfish - Gulf of Mexico                     | This is the second rebuilding plan. The first plan was implemented in 2008 and the stock was targeted to rebuild by 2013 (6-year plan). In 2012, the plan was extended by 5 years with a target rebuild date of 2017, but the stock failed to rebuild. A new 8-year plan was implemented in 2018 and the stock is targeted to rebuild by 2025.   |
| GMFMC        | Greater amberjack - Gulf of Mexico                    | This is the third rebuilding plan. The first rebuilding plan was implemented in 2003 and the stock was targeted to rebuild by 2009 (7-year plan). This plan was later extended by 3 years to rebuild by 2012 (10-year plan), but the stock failed to rebuild. A new rebuilding plan was adopted in 2015 (but not implemented until 2016) with a target rebuild date of 2018 (3-year plan). A 2016 assessment showed the stock would not rebuild by this date, so a new 10-year plan was developed in 2017 with a target rebuild date of 2027. This plan was implemented in 2018. |
| GMFMC        | Red snapper - Gulf of Mexico                          | This is the second rebuilding plan. The first rebuilding plan was implemented in 1990 and the stock was targeted to rebuild by 2000 (10-year plan). In 1991 the plan was extended to rebuild by 2007 (17-year plan). In 1993, it was extended again to rebuild by 2009 (19-year plan) and in 1996, extended to rebuild by 2019 (29-year plan), but the stock failed to rebuild. A new 31-year rebuilding plan was scheduled for implementation in 2001 with a target rebuild date of 2032. This plan was not implemented until 2005 so is regarded as a 28-year rebuilding plan. |
| GMFMC        | Tilefish - Gulf of Mexico                             | The most recent assessment for tilefish - Gulf of Mexico (2011) used overfished criteria that have been determined to be the Best Scientific Information Available (BSIA), but have not yet been formally implemented in the fishery management plan. An upcoming amendment to the fishery management plan will formally establish the criteria for tilefish and other data poor stocks.   |
| GMFMC        | Yellowedge grouper - Gulf of Mexico                   | The most recent assessment for yellowedge grouper - Gulf of Mexico (2010) used overfished criteria that have been determined to be the Best Scientific Information Available (BSIA), but have not yet been formally implemented in the fishery management plan. Amendment 44 will formally establish the criteria for yellowedge grouper and other data poor stocks.   |
| MAFMC        | Bluefish - Atlantic Coast                             | The Mid-Atlantic Fishery Management Council (MAFMC) was notified on November 11, 2019 that this stock is overfished. The MAFMC has two years from this date to implement a rebuilding plan for bluefish.   |
| MAFMC        | Northern shortfin squid - Northwestern Atlantic Coast | Although Northern shortfin squid is currently listed as not subject to overfishing, the most recent stock assessment (2006) was not able to precisely determine current exploitation rates or stock biomass. Nevertheless, the overfishing status of this stock remains unchanged, based on the results of an earlier assessment (2005).   |
| NEFMC        | Atlantic herring - Northwestern Atlantic Coast        | The New England Fishery Management Council (NEFMC) was notified on October 13, 2020 that this stock is overfished. The NEFMC has two years from this date to implement a rebuilding plan for Atlantic herring.   |
| NEFMC        | Atlantic cod - Georges Bank                           | The status of Georges Bank cod is based on the results of the stock assessment completed in 2013. The stock assessment conducted in 2015 was rejected, but indicators continued to support the determination that the stock is overfished; overfishing status is less clear. Plan B assessments were conducted in 2017 and 2019, but were not used to support overfishing or overfished stock status determinations.   |
| NEFMC        | Atlantic cod - Gulf of Maine                          | This is the second rebuilding plan. The first rebuilding plan was implemented in 2004 and the stock was targeted to rebuild by 2014 (10-year rebuilding plan). A new 10-year plan was implemented in 2014 and the stock is targeted to rebuild by 2024.  |

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Table B. Endnotes for FSSI Stocks

| Jurisdiction     | Stock   | Endnotes  |
|------------------|---|---|
| NEFMC            | Atlantic halibut -<br>Northwestern Atlantic<br>Coast            | The status of Atlantic halibut is based on the results of the stock assessment completed in 2012. Although the stock assessment conducted in 2015 was rejected, reviewers felt confident that the stock remains overfished. First and second derivative assessments were conducted in 2018 and 2019, but were not used to support overfishing or overfished stock status determinations.  |
| NEFMC            | Red hake - Southern<br>Georges Bank / Mid-<br>Atlantic          | The New England Fishery Management Council (NEFMC) was notified on January 9, 2018 that this stock is overfished. The NEFMC has two years from this date to implement a rebuilding plan for red hake.   |
| NEFMC            | White hake - Gulf of<br>Maine / Georges Bank                    | This stock is making progress towards rebuilding, but did not rebuild by the target end date of 2012. Rebuilding measures will remain in place until the stock rebuilds.  |
| NEFMC            | Winter flounder - Georges<br>Bank                               | The rebuilding plan for Georges Bank winter flounder was implemented in 2010 and the stock was targeted to rebuild by 2017. In 2017, the stock was determined to be no longer overfished (still rebuilding), but projections indicated the stock was approaching an overfished condition because the stock was projected to decrease in the next two years. As a proactive measure, the rebuilding plan was revised and the stock is expected to rebuild by 2029.   |
| NEFMC            | Winter flounder -<br>Southern New England /<br>Mid-Atlantic     | The first rebuilding plan for Southern New England /Mid-Atlantic winter flounder was implemented in 2004 and the stock was targeted to rebuild by 2014 (10-year rebuilding plan). A new 10-year plan was implemented in 2013 and the stock is targeted to rebuild by 2023.  |
| NEFMC            | Witch flounder -<br>Northwestern Atlantic<br>Coast              | This is the second rebuilding plan. The first rebuilding plan was implemented in 2010 and targeted to rebuild by 2017, but the stock failed to rebuild under the first plan. A new benchmark assessment finalized in 2017 rejected the model previously used to support stock status (VPA model), as well as a new model that was attempted (ASAP model). As a result, there were unreliable indicators to recommend overfishing status so the overfishing status is now unknown. There are no reliable numerical estimates of stock size, but the conclusion that the stock is at historically low levels and other indicators support maintaining the stock as overfished. Update assessments finalized in late 2017 and 2019 support the same results as the benchmark assessment finalized in early 2017. |
| NEFMC            | Yellowtail flounder -<br>Southern New England /<br>Mid-Atlantic | Southern New England / Mid-Atlantic yellowtail flounder was previously rebuilt in 2012 under a rebuilding plan. This stock was declared overfished again in 2017 and a new 10-year rebuilding plan was implemented in 2019.   |
| NEFMC /<br>MAFMC | Goosefish - Gulf of Maine<br>/ Northern Georges Bank            | The status of Gulf of Maine/Northern Georges Bank goosefish is based on the 2013 stock assessment. A Plan B Smooth assessment was conducted in 2016 and 2019 to support catch advice, but was not used to support stock status.   |
| NEFMC /<br>MAFMC | Goosefish - Southern<br>Georges Bank / Mid-<br>Atlantic         | The status of Southern Georges Bank/Mid-Atlantic goosefish is based on the 2013 stock assessment. A Plan B Smooth assessment was conducted in 2016 and 2019 to support catch advice, but was not used to support stock status.  |
| NPFMC            | Golden king crab -<br>Aleutian Islands                          | The status of this stock is based on the assessment of two stocks - Eastern and Western Aleutian Islands golden king crab stocks.   |

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Table B. Endnotes for FSSI Stocks

| Jurisdiction | Stock  | Endnotes  |
|--------------|--|---|
| NPFMC        | Bering Sea / Aleutian Islands Flathead Sole Complex                | Bering Sea / Aleutian Islands Flathead Sole Complex consists of Flathead Sole and Bering Flounder. Flathead Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.   |
| NPFMC        | Bering Sea / Aleutian Islands Rock Sole Complex                    | Rock Sole Complex consists of Northern Rock Sole and Rock Sole (NOTE: These are two distinct species, not two separate stocks of the same species). Northern Rock Sole accounts for the overwhelming majority of the biomass and is regarded as the indicator species for the complex. The overfished determination is based on the combined abundance estimates for the two species; the overfishing determination is based on the OFL, which is computed from the combined abundance estimates for the two species.   |
| NPFMC        | Bering Sea / Aleutian Islands Skate Complex                        | The Skate Complex consists of Alaska Skate, Aleutian Skate, Bering Skate, Big Skate, Butterfly Skate, Commander Skate, Deepsea Skate, Mud Skate, Okhotsk Skate, Roughshoulder Skate, Roughtail Skate, Whiteblotched Skate, and Whitebrow Skate. Alaska skate is assessed and is the indicator species for this complex.   |
| NPFMC        | Sablefish - Eastern Bering Sea / Aleutian Islands / Gulf of Alaska | Although Sablefish is managed separately in the Gulf of Alaska, Bering Sea, and Aleutian Islands, with separate overfishing levels, ABCs, and TACs based on the proportion of biomass in each respective region, separate assessments are not conducted for each of these three regions; the assessment is based on aggregated data from the Gulf of Alaska, Bering Sea, and Aleutian Islands regions. Therefore, it is not appropriate to list separate status determinations for these three regions.   |
| NPFMC        | Gulf of Alaska Blackspotted and Roughey Rockfish Complex           | Blackspotted and Roughey Rockfish consists of Blackspotted Rockfish and Roughey Rockfish. An assessment of the combined species provides the overfished determination, and the OFL is based on the combined-species assessment.   |
| NPFMC        | Gulf of Alaska Demersal Shelf Rockfish Complex                     | The Demersal Shelf Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish in the Southeast Outside district only. The overfishing determination is based on the OFL, which is computed by using estimates of Yelloweye Rockfish and then increased by 10% to account for the remaining members of the complex.   |
| NPFMC        | Gulf of Alaska Shallow Water Flatfish Complex                      | The Shallow Water Flatfish Complex consists of the following stocks: Alaska Plaice, Butter Sole, C-O Sole, Curlfin Sole, English Sole, Northern Rock Sole, Pacific Sanddab, Petrale Sole, Sand Sole, Slender Sole, Rock Sole, Speckled Sanddab, Starry Flounder, and Yellowfin Sole. Northern Rock Sole and Rock Sole are the indicator species for this complex. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex. A single, assemblage-wide OFL is specified, but overfishing was not defined for the "other" shallow-water flatfish stocks per se, because they are part of the overall shallow-water flatfish assemblage. |
| NPFMC        | Gulf of Alaska Thornyhead Rockfish Complex                         | The Thornyhead Rockfish Complex consists of the following stocks: Longspine Thornyhead and Shortspine Thornyhead. The overfishing determination is based on the OFL, which is computed using abundance estimates of Shortspine Thornyhead.  |
| PFMC         | Pacific chub mackerel - Pacific Coast                              | The assessment for Pacific chub mackerel does not provide an estimate of Bmsy because stock size is largely driven by environmental factors; however, if stock size is at least 3 times the minimum stock size threshold (MSST), harvest is allowed and the stock size is regarded as well above target levels. The most recent stock assessment indicates chub mackerel is currently at least 3 times the MSST.  |

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Table B. Endnotes for FSSI Stocks

| Jurisdiction | Stock   | Endnotes   |
|--------------|---|--|
| PFMC         | Pacific sardine - Northern Subpopulation                          | The fishery for Pacific sardine has been closed since 2015. Although Bmsy is not estimated, the stock is below the minimum stock size threshold (overfished threshold).  |
| PFMC         | California Blue and Deacon Rockfish Complex                       | The stock assessment includes a combined assessment of both blue rockfish and deacon rockfish.   |
| PFMC         | Oregon Blue and Deacon Rockfish Complex                           | The stock assessment includes a combined assessment of both blue rockfish and deacon rockfish.   |
| PFMC         | Chinook salmon - California Central Valley: Sacramento River Fall | Sacramento River Fall Chinook was declared overfished in June 2018. Although the effective date of the rebuilding plan was December 28, 2020, status quo management measures were determined to satisfy the requirements of a rebuilding plan so the first year of the rebuilding plan is regarded as June 2019.   |
| PFMC         | Chinook salmon - Northern California Coast: Klamath River Fall    | Klamath River Fall Chinook was declared overfished in June 2018. Although the effective date of the rebuilding plan was December 28, 2020, status quo management measures were determined to satisfy the requirements of a rebuilding plan so the first year of the rebuilding plan is regarded as June 2019.  |
| SAFMC        | Blueline tilefish - Southern Atlantic Coast                       | The most recent stock assessment (2017) provided information on stock status from Key West, FL to Cape Hatteras, NC. The stock assessment did not provide overfishing and overfished stock status information on the portion of the stock between Cape Hatteras and the NC/VA border and the status of this portion is unknown. The South Atlantic Fishery Management Council has management authority over this stock from Key West to the NC/VA border.  |
| SAFMC        | Gray triggerfish - Southern Atlantic Coast                        | This stock was assessed in 2016, but the results were too uncertain to be used for recommending overfishing or overfished stock status determinations.   |
| SAFMC        | Red porgy - Southern Atlantic Coast                               | Although the rebuilding target date has passed, rebuilding measures are still in place until a new rebuilding plan is developed.   |
| WPFMC        | American Samoa Bottomfish Multi-species Complex                   | This complex contains 11 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; one jack: black jack; and eight snappers: common bluestripe snapper, crimson jobfish, golden eye jobfish, green jobfish, flame snapper, oblique-banded snapper, ruby snapper, and rusty jobfish. The Western Pacific Fishery Management Council (WPFMC) was notified on February 10, 2020 that this stock complex is overfished. The WPFMC has two years from this date to implement a rebuilding plan for the American Samoa Bottomfish Multi-Species Complex.                               |
| WPFMC        | Main Hawaiian Islands Deep 7 Bottomfish Multi-species Complex     | This complex contains 7 species including one grouper: Hawaiian grouper and six snappers: crimson jobfish, flame snapper, oblique-banded snapper, lavender jobfish, ruby snapper, and rusty jobfish.   |
| WPFMC        | Guam Bottomfish Multi-species Complex                             | This complex contains 13 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; two jacks: black jack and giant trevally; and nine snappers: common bluestripe snapper, crimson jobfish, flame snapper, golden eye jobfish, goldflag jobfish, lavender jobfish, oblique-banded snapper, ruby snapper, and rusty jobfish. The Western Pacific Fishery Management Council (WPFMC) was notified on February 10, 2020 that this stock complex is overfished. The WPFMC has two years from this date to implement a rebuilding plan for the Guam Bottomfish Multi-Species Complex. |

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Table B. Endnotes for FSSI Stocks

| Jurisdiction | Stock   | Endnotes  |
|--------------|---|---|
| WPFMC        | Northern Mariana Islands Bottomfish Multi-species Complex | This complex contains 13 species including one emperor: spotcheek emperor; one grouper: yellow-edged lyretail; two jacks: black jack and giant trevally; and nine snappers: common bluestripe snapper, crimson jobfish, flame snapper, golden eye jobfish, goldflag jobfish, lavender jobfish, oblique-banded snapper, ruby snapper, and rusty jobfish. |

## National Marine Fisheries Service - 4th Quarter 2020 Update

Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|--|--|-------------|------------|------------------------|---------------------------------------|-----------------------------|
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Albacore - North Atlantic *                          | No          | No         | No                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Bigeye tuna - Atlantic                               | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | Year 22 of plan             |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Blacknose shark - Gulf of Mexico                     | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Blue marlin - Atlantic *                             | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | Year 20 of 28-year plan     |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Blue shark - North Atlantic                          | No          | No         | No                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Bluefin tuna - Western Atlantic *                    | No          | Unknown    | NA                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Bonnethead - Atlantic                                | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Bonnethead - Gulf of Mexico                          | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Bull shark - Atlantic and Gulf of Mexico             | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Dusky shark - Atlantic and Gulf of Mexico            | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | Year 13 of 100-year plan    |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Gulf Smoothhound Complex *                           | No          | No         | No                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Longbill spearfish - Western Atlantic                | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Nurse shark - Atlantic and Gulf of Mexico            | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species | Oceanic whitetip shark - Atlantic and Gulf of Mexico | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP   | Stock   | Overfishing | Overfished      | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|---|---|-------------|-----------------|------------------------|---------------------------------------|-----------------------------|
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Porbeagle - Northwestern Atlantic                                   | No          | Yes             | NA                     | Continue Rebuilding                   | Year 13 of 100-year plan    |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Prohibited Species *  | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Roundscale spearfish - Atlantic                                     | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Sailfish - Western Atlantic *                                       | No          | No - Rebuilding | No                     | Continue Rebuilding                   | Year 22 of plan             |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Shortfin mako - North Atlantic *                                    | Yes         | Yes             | NA                     | Reduce Mortality, Continue Rebuilding | Year 2 of plan              |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Silky shark - Atlantic and Gulf of Mexico                           | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Skipjack tuna - Western Atlantic                                    | No          | No              | No                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Spinner shark - Atlantic and Gulf of Mexico                         | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Swordfish - North Atlantic  | No          | No              | NA                     | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Thresher shark - Atlantic and Gulf of Mexico                        | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Tiger shark - Atlantic and Gulf of Mexico                           | Unknown     | Unknown         | Unknown                | NA                                    | NA                          |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | White marlin - Atlantic *   | No          | Yes             | No                     | Continue Rebuilding                   | Year 20 of plan             |
| Atlantic HMS | Consolidated Atlantic Highly Migratory Species  | Yellowfin tuna - Atlantic *   | No          | No              | No                     | NA                                    | NA                          |
| CFMC         | Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands | Caribbean Aquarium Trade Plants and Invertebrates Species Complex * | No          | Unknown         | Unknown                | NA                                    | NA                          |
| CFMC         | Queen Conch Resources of Puerto Rico and the United States Virgin Islands                               | Queen conch - Caribbean   | No          | Yes             | NA                     | Continue Rebuilding                   | Year 16 of 15-year plan     |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|--|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean Aquarium Trade Reef Fish Species Complex * | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean Groupers *                                 | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean Parrotfishes Complex *                     | No          | No         | Yes                    | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean Snappers *                                 | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Caribbean Tilefishes Complex *                       | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Goliath grouper - Caribbean                          | No          | Yes        | NA                     | Continue Rebuilding        | Year 16 of 30-year plan     |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Nassau grouper - Caribbean                           | No          | Yes        | NA                     | Continue Rebuilding        | Year 16 of 25-year plan     |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Angelfishes Complex *                    | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Boxfishes Complex *                      | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Goatfishes Complex *                     | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Grunts Complex *                         | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Jacks Complex *                          | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Scups and Porgies Complex *              | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Squirrelfishes Complex *                 | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Surgeonfishes Complex *                  | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Triggerfishes and Filefishes Complex *   | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | Puerto Rico Wrasses Complex *                        | No          | Unknown    | Unknown                | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock   | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|--|---|-------------|------------|------------------------|----------------------------|-----------------------------|
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Angelfishes Complex *                   | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Boxfishes Complex *                     | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Goatfishes Complex *                    | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Grunts Complex *                        | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Jacks Complex *                         | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Scups and Porgies Complex *             | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Squirrelfishes Complex *                | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Surgeonfishes Complex *                 | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Triggerfishes and Filefishes Complex *  | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Croix Wrasses Complex *                       | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Angelfishes Complex *       | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Boxfishes Complex *         | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Goatfishes Complex *        | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Grunts Complex *            | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Jacks Complex *             | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Scups and Porgies Complex * | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Squirrelfishes Complex *    | Unknown     | Unknown    | Unknown                | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|--|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Surgeonfishes Complex *                | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Triggerfishes and Filefishes Complex * | No          | Unknown    | Unknown                | NA                         | NA                          |
| CFMC         | Reef Fish Fishery of Puerto Rico and the U.S. Virgin Islands | St. Thomas / St. John Wrasses Complex *                      | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Coral and Coral Reefs of the Gulf of Mexico                  | Black corals (Antipatharia) - Gulf of Mexico *               | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Coral and Coral Reefs of the Gulf of Mexico                  | Fire corals (Milleporidae) - Gulf of Mexico *                | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Coral and Coral Reefs of the Gulf of Mexico                  | Hydrocorals (Stylasteridae) - Gulf of Mexico *               | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Coral and Coral Reefs of the Gulf of Mexico                  | Sea fans (Gorgonia spp.) - Gulf of Mexico *                  | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Coral and Coral Reefs of the Gulf of Mexico                  | Stony corals (Scleractinia) - Gulf of Mexico *               | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Red Drum Fishery of the Gulf of Mexico                       | Red drum - Gulf of Mexico                                    | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Cubera snapper - Gulf of Mexico                              | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Gulf of Mexico Deep Water Grouper Complex                    | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Gulf of Mexico Jacks Complex *                               | Yes         | Unknown    | Unknown                | Reduce Mortality           | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Gulf of Mexico Mid-Water Snapper Complex *                   | No          | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Gulf of Mexico Shallow Water Grouper Complex                 | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| GMFMC        | Reef Fish Resources of the Gulf of Mexico                    | Gulf of Mexico Tilefishes Complex                            | No          | Unknown    | Unknown                | NA                         | NA                          |
| MAFMC        | Mackerel, Squid and Butterfish                               | Atlantic chub mackerel - Mid-Atlantic Coast                  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| MAFMC        | Tilefish   | Blueline tilefish - Mid-Atlantic Coast                       | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| NEFMC        | Atlantic Salmon  | Atlantic salmon - Gulf of Maine *                            | No          | Yes        | NA                     | Rebuild - ESA listed       | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP   | Stock   | Overfishing | Overfished | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|---|---|-------------|------------|------------------------|---------------------------------------|-----------------------------|
| NEFMC        | Deep-Sea Red Crab                                 | Red deepsea crab - Northwestern Atlantic *            | No          | Unknown    | Unknown                | NA                                    | NA                          |
| NEFMC        | Northeast Multispecies                            | Atlantic wolffish - Gulf of Maine / Georges Bank *    | No          | Yes        | NA                     | Continue Rebuilding                   | Year 11 of plan             |
| NEFMC        | Northeast Multispecies                            | Ocean pout - Northwestern Atlantic Coast *            | No          | Yes        | NA                     | Continue Rebuilding                   | Year 2 of 10-year plan      |
| NEFMC        | Northeast Multispecies                            | Offshore hake - Northwestern Atlantic Coast           | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| NEFMC        | Northeast Multispecies                            | Red hake - Gulf of Maine / Northern Georges Bank      | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Multispecies                            | Windowpane - Gulf of Maine / Georges Bank *           | No          | Yes        | NA                     | Continue Rebuilding                   | Year 2 of 10-year plan      |
| NEFMC        | Northeast Multispecies                            | Windowpane - Southern New England / Mid-Atlantic      | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Multispecies                            | Yellowtail flounder - Georges Bank *                  | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | Year 15 of 26-year plan     |
| NEFMC        | Northeast Skate Complex                           | Barndoor skate - Georges Bank / Southern New England  | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Skate Complex                           | Clearnose skate - Southern New England / Mid-Atlantic | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Skate Complex                           | Rosette skate - Southern New England / Mid-Atlantic   | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Skate Complex                           | Smooth skate - Gulf of Maine                          | No          | No         | No                     | NA                                    | NA                          |
| NEFMC        | Northeast Skate Complex                           | Thorny skate - Gulf of Maine                          | No          | Yes        | NA                     | Continue Rebuilding                   | Year 18 of 25-year plan     |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs | Blue king crab - Pribilof Islands *                   | No          | Yes        | NA                     | Continue Rebuilding                   | Year 6 of plan              |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs | Blue king crab - Saint Matthew Island *               | No          | Yes        | NA                     | Continue Rebuilding                   | Year 1 of 26-year plan      |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs | Golden king crab - Pribilof Islands                   | No          | Unknown    | Unknown                | NA                                    | NA                          |
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs | Red king crab - Pribilof Islands                      | No          | No         | No                     | NA                                    | NA                          |

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| Jurisdiction | FMP   | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|---|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| NPFMC        | Bering Sea/Aleutian Islands King and Tanner Crabs                 | Red king crab - Western Aleutian Islands                                   | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Fish Resources of the Arctic Management Area                      | Arctic cod - Arctic Management Area *                                      | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Fish Resources of the Arctic Management Area                      | Saffron cod - Arctic Management Area *                                     | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Fish Resources of the Arctic Management Area                      | Snow crab - Arctic Management Area *                                       | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex * | No          | No         | No                     | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Octopus Complex *                            | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Other Flatfish Complex *                     | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Other Rockfish Complex *                     | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Bering Sea / Aleutian Islands Shark Complex *                              | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area | Shortraker rockfish - Bering Sea / Aleutian Islands                        | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Atka mackerel - Gulf of Alaska   | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Big skate - Gulf of Alaska   | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Gulf of Alaska Deepwater Flatfish Complex *                                | No          | No         | No                     | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Gulf of Alaska Octopus Complex *   | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Gulf of Alaska Other Rockfish Complex *                                    | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Gulf of Alaska Shark Complex *   | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Gulf of Alaska Skate Complex *   | No          | Unknown    | No                     | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Longnose skate - Gulf of Alaska  | No          | Unknown    | Unknown                | NA                         | NA                          |
| NPFMC        | Groundfish of the Gulf of Alaska                                  | Walleye pollock - Southeast Gulf of Alaska                                 | No          | Unknown    | Unknown                | NA                         | NA                          |

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| Jurisdiction | FMP   | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|---|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| NPFMC        | Salmon Fisheries in the EEZ off the Coast of Alaska | Alaska Coho Salmon Assemblage *                            | No          | No         | No                     | NA                         | NA                          |
| NPFMC        | Salmon Fisheries in the EEZ off the Coast of Alaska | Chinook salmon - Eastern North Pacific Far North Migrating | No          | No         | No                     | NA                         | NA                          |
| NPFMC        | Scallop Fishery off Alaska                          | Weatherwane scallop - Alaska                               | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Coastal Pelagic Species                             | Jack mackerel - Pacific Coast                              | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Coastal Pelagic Species                             | Krill (Euphausiacea) - Pacific Coast                       | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Coastal Pelagic Species                             | Northern anchovy - Northern Pacific Coast                  | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Coastal Pelagic Species                             | Opalescent inshore squid - Pacific Coast                   | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Black rockfish - Washington                                | No          | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | China rockfish - Central Pacific Coast                     | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | China rockfish - Northern Pacific Coast                    | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | China rockfish - Southern Pacific Coast                    | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Copper rockfish - Pacific Coast                            | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Greenspotted rockfish - Pacific Coast                      | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Greenstriped rockfish - Pacific Coast                      | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Nearshore Rockfish North *                           | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Nearshore Rockfish South *                           | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Shelf Rockfish North *                               | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Shelf Rockfish South *                               | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Slope Rockfish North *                               | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Minor Slope Rockfish South *                               | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Other Fish *   | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Other Flatfish *   | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Pacific Coast Blackspotted and Rougheye Rockfish Complex * | Unknown     | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Pacific cod - Pacific Coast                                | No          | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Pacific hake - Pacific Coast                               | No          | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish                            | Splitnose rockfish - Pacific Coast                         | No          | No         | No                     | NA                         | NA                          |

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| Jurisdiction | FMP                      | Stock   | Overfishing    | Overfished      | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|--------------------------|---|----------------|-----------------|------------------------|----------------------------|-----------------------------|
| PFMC         | Pacific Coast Groundfish | Starry flounder - Pacific Coast                                       | No             | No              | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Groundfish | Yelloweye rockfish - Pacific Coast                                    | No             | No - Rebuilding | No                     | Continue Rebuilding        | Year 17 of 25-year plan     |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - California Central Valley: Sacramento River Spring   | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - California Central Valley: Sacramento River Winter   | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Lower River Hatchery Fall      | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Lower River Hatchery Spring    | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Mid-River Bright Hatchery Fall | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: North Lewis River Fall         | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Snake River Fall               | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Snake River Spring/Summer      | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Spring Creek Hatchery Fall     | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Upper River Bright Fall        | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Upper River Spring             | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Upper River Summer             | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Columbia River Basin: Upper Willamette Spring        | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Northern California Coast: California Coastal        | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon     | Chinook salmon - Northern California Coast: Klamath River Spring      | Unknown        | Unknown         | Unknown                | NA                         | NA                          |

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| Jurisdiction | FMP                  | Stock  | Overfishing    | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|----------------------|--|----------------|------------|------------------------|----------------------------|-----------------------------|
| PFMC         | Pacific Coast Salmon | Chinook salmon - Northern California Coast: Smith River                  | Unknown        | Unknown    | Unknown                | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Oregon Coast: Central and Northern Oregon               | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Oregon Coast: Southern Oregon                           | Unknown        | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Cedar River Summer/Fall                    | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Eastern Strait of Juan de Fuca Summer/Fall | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Green River Summer/Fall                    | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Mid Hood Canal Summer/Fall                 | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Nisqually River Summer/Fall                | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Nooksack Spring Early                      | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Puyallup Summer/Fall                       | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Skagit Spring                              | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Skagit Summer/Fall                         | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Skokomish Summer/Fall                      | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Snohomish Summer/Fall                      | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: Stillaguamish Summer/Fall                  | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Puget Sound: White River Spring                         | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Grays Harbor Fall                     | No             | No         | No                     | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP                  | Stock   | Overfishing    | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|----------------------|---|----------------|------------|------------------------|----------------------------|-----------------------------|
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Grays Harbor Spring                    | Unknown        | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Hoh Fall                               | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Hoh Spring/Summer                      | Unknown        | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Hoko Summer/Fall                       | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Queets Fall                            | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Queets Spring/Summer                   | Unknown        | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Quillayute Fall                        | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Quillayute Spring/Summer               | Unknown        | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Quinault Fall Hatchery                 | NA Exception 1 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Willapa Bay Fall Hatchery              | NA Exception 1 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Chinook salmon - Washington Coast: Willapa Bay Fall Natural               | No             | No         | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Central California Coast      | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Columbia River Early Hatchery | NA Exception 1 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Columbia River Late Hatchery  | NA Exception 1 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Lower Columbia Natural *      | NA Exception 2 | NA         | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Oregon Coast Hatchery         | NA Exception 1 | NA         | NA                     | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP                  | Stock   | Overfishing    | Overfished      | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|----------------------|---|----------------|-----------------|------------------------|----------------------------|-----------------------------|
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Oregon Coast Natural *                    | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Oregon Production Index Area: Southern Oregon/Northern California Coast | NA Exception 2 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Puget Sound: Hood Canal   | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Puget Sound: Skagit   | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Puget Sound: Snohomish *  | No             | No - Rebuilding | NA                     | Rebuilding Program         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Puget Sound: South Puget Sound Hatchery                                 | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Puget Sound: Stillaguamish  | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Grays Harbor  | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Hoh   | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Queets *  | No             | Yes             | NA                     | Rebuilding Program         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Quillayute Fall                                       | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Quillayute Summer Hatchery                            | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Quinalt Hatchery                                      | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Strait of Juan de Fuca *                              | No             | Yes             | NA                     | Rebuilding Program         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Willapa Bay Hatchery                                  | NA Exception 1 | NA              | NA                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Coho salmon - Washington Coast: Willapa Bay Natural                                   | No             | No              | No                     | NA                         | NA                          |
| PFMC         | Pacific Coast Salmon | Pink salmon - Puget Sound *   | Unknown        | Unknown         | Unknown                | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock                                     | Overfishing | Overfished | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|--|---|-------------|------------|------------------------|---------------------------------------|-----------------------------|
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Albacore - North Pacific                  | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Bigeye thresher - Pacific                 | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Bigeye tuna - Eastern Pacific             | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Bigeye tuna - Western and Central Pacific | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Blue shark - North Pacific                | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Dolphinfish - Pacific                     | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Pacific bluefin tuna - Pacific *          | Yes         | Yes        | No                     | Reduce Mortality, Continue Rebuilding | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Pelagic thresher - North Pacific          | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|--|--|-------------|------------|------------------------|---------------------------------------|-----------------------------|
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Shortfin mako - North Pacific                        | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Skipjack tuna - Eastern Pacific                      | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Skipjack tuna - Western and Central Pacific          | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Striped marlin - Eastern Pacific                     | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Striped marlin - Western and Central North Pacific * | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Swordfish - Eastern Pacific                          | Yes         | No         | No                     | Reduce Mortality                      | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Swordfish - Western and Central North Pacific        | No          | No         | No                     | NA                                    | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Thresher shark - North Pacific                       | No          | No         | No                     | NA                                    | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP  | Stock   | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|--|---|-------------|------------|------------------------|----------------------------|-----------------------------|
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Yellowfin tuna - Eastern Pacific                        | Yes         | No         | No                     | Reduce Mortality           | NA                          |
| PFMC / WPFMC | U.S. West Coast Fisheries for Highly Migratory Species / Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Yellowfin tuna - Western and Central Pacific            | No          | No         | No                     | NA                         | NA                          |
| SAFMC        | Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region  | Black corals (Antipatharia) - Southern Atlantic Coast * | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region  | Fire corals (Milleporidae) - Southern Atlantic Coast *  | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region  | Hydrocorals (Stylasteridae) - Southern Atlantic Coast * | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region  | Soft corals (Octocorallia) - Southern Atlantic Coast *  | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Coral, Coral Reefs and Live/Hard Bottom Habitats of the South Atlantic Region  | Stony corals (Scleractinia) - Southern Atlantic Coast * | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Dolphin and Wahoo Fishery of the Atlantic  | Wahoo - Southern Atlantic Coast                         | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Golden Crab Fishery of the South Atlantic Region   | Golden deepsea crab - Southern Atlantic Coast           | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Pelagic Sargassum Habitat of the South Atlantic Region   | Sargassum - Southern Atlantic Coast *                   | No          | No         | Unknown                | NA                         | NA                          |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region   | Atlantic spadefish - Southern Atlantic Coast            | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region   | Bar jack - Southern Atlantic Coast                      | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region   | Hogfish - Carolinas                                     | Unknown     | Unknown    | No                     | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction  | FMP  | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|---------------|--|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | Hogfish - Southeast Florida  | No          | Yes        | NA                     | Continue Rebuilding        | Year 4 of 10-year plan      |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | Nassau grouper - Southern Atlantic Coast / Gulf of Mexico *        | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Deepwater Snapper-Grouper Complex *                 | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Grunts Complex *                                    | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Jacks Complex *                                     | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Porgy Complex *                                     | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Shallow Water Snapper-Grouper Complex *             | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | South Atlantic Snappers Complex *                                  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | Speckled hind - Southern Atlantic Coast                            | Yes         | Unknown    | Unknown                | Reduce Mortality           | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | Warsaw grouper - Southern Atlantic Coast                           | Yes         | Unknown    | Unknown                | Reduce Mortality           | NA                          |
| SAFMC         | Snapper-Grouper Fishery of the South Atlantic Region   | Wreckfish - Southern Atlantic Coast                                | No          | No         | No                     | NA                         | NA                          |
| SAFMC / GMFMC | Snapper-Grouper Fishery of the South Atlantic Region / Reef Fish Resources of the Gulf of Mexico | Goliath grouper - Southern Atlantic Coast / Gulf of Mexico *       | No          | Unknown    | Unknown                | NA                         | NA                          |
| SAFMC / GMFMC | Spiny Lobster in the Gulf of Mexico and South Atlantic   | Caribbean spiny lobster - Southern Atlantic Coast / Gulf of Mexico | No          | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC         | Hawaii Archipelago Ecosystem   | 180 Fathom Bank Precious Coral Complex *                           | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC         | Hawaii Archipelago Ecosystem   | Au'Au Bed Black Coral Complex *                                    | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC         | Hawaii Archipelago Ecosystem   | Brooks Bank Precious Coral Complex *                               | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC         | Hawaii Archipelago Ecosystem   | Deepwater shrimps (Heterocarpus spp.) - Main Hawaiian Islands *    | Unknown     | Unknown    | Unknown                | NA                         | NA                          |

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Table C. Summary of Stock Status for Non-FSSI Stocks

| Jurisdiction | FMP   | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required            | Rebuilding Program Progress |
|--------------|---|--|-------------|------------|------------------------|---------------------------------------|-----------------------------|
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Hancock Seamount Groundfish Complex *                            | Unknown     | Yes        | NA                     | Continue Rebuilding                   | Year 35 of plan             |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Hawaiian Archipelago Exploratory Area Precious Coral Complex *   | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Kaena Point Bed Precious Coral Complex *                         | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Keahole Bed Precious Coral Complex *                             | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Makapu'u Bed Precious Corals Multi-species Complex *             | No          | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Northwestern Hawaiian Islands Bottomfish Multi-species Complex * | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Northwestern Hawaiian Islands Crustacean Complex *               | No          | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Hawaii Archipelago Ecosystem                                      | Westpac Bed Refugium- Precious Corals Complex *                  | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Albacore - South Pacific   | No          | No         | No                     | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Black marlin - Pacific   | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Blue marlin - Pacific  | No          | No         | No                     | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Kawakawa - Pacific   | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Longfin mako - North Pacific                                     | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Oceanic whitetip shark - Western and Central Pacific *           | Yes         | Yes        | NA                     | Reduce Mortality, Continue Rebuilding | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Opah - Pacific   | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Pacific Other Tuna Relatives Complex *                           | Unknown     | Unknown    | Unknown                | NA                                    | NA                          |

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| Jurisdiction | FMP   | Stock  | Overfishing | Overfished | Approaching Overfished | Management Action Required | Rebuilding Program Progress |
|--------------|---|--|-------------|------------|------------------------|----------------------------|-----------------------------|
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Pomfrets (Bramidae) - Pacific  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Sailfish - Pacific   | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Salmon shark - North Pacific   | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Shortbill spearfish - Pacific  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Silky shark - Western and Central Pacific                                | Yes         | No         | Unknown                | Reduce Mortality           | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Snake mackerels (Gempylidae) - Pacific                                   | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Wahoo - Pacific  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Pelagic Fisheries of the Western Pacific Region Ecosystem | Western Pacific Squid Complex *  | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Remote Island Areas Ecosystem                             | Pacific Remote Island Areas Black Precious Coral Complex *               | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Remote Island Areas Ecosystem                             | Pacific Remote Island Areas Bottomfish Complex *                         | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Remote Island Areas Ecosystem                             | Pacific Remote Island Areas Coral Reef Ecosystem Multi-species Complex * | Unknown     | Unknown    | Unknown                | NA                         | NA                          |
| WPFMC        | Pacific Remote Island Areas Ecosystem                             | Pacific Remote Island Areas Crustacean Complex *                         | Unknown     | Unknown    | No                     | NA                         | NA                          |
| WPFMC        | Pacific Remote Island Areas Ecosystem                             | Pacific Remote Island Areas Exploratory Area Precious Coral Complex *    | Unknown     | Unknown    | Unknown                | NA                         | NA                          |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock                             | Footnote  |
|--------------|-----------------------------------|---|
| Atlantic HMS | Bigeye tuna - Atlantic            | A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.   |
| Atlantic HMS | Blue marlin - Atlantic            | Blue marlin has been in a domestic rebuilding plan since 2001. Prior to 2019, there was no projected timeline to rebuild. In 2019, a rebuilding timeline was added and this stock is now projected to rebuild by 2028. There is now an international rebuilding plan (developed through ICCAT) in place for this stock.   |
| Atlantic HMS | Bluefin tuna - Western Atlantic   | For the most recent assessment, completed in 2017, the previously-used approach of basing stock status information on two widely divergent stock recruitment scenarios was abandoned, given the lack of evidence to support one scenario over the other, and the inability to calculate biomass-based reference points apart from knowledge (or assumptions) about how future recruitment potential relates to spawning stock biomass. Instead, a fishing mortality rate-based approach was used to provide management advice. For 2018-2020, the stock will be managed under an interim conservation and management plan (including an annual Total Allowable Catch), which is responsive to the scientific advice while recognizing the need for a transition between the 20-year rebuilding program adopted in 1998 and a future approach to managing the stock that relies on management procedures, which ICCAT has recommended for bluefin tuna and other priority stocks to manage fisheries more effectively in the face of identified uncertainties. |
| Atlantic HMS | Gulf Smoothhound Complex          | The species contained in this complex are smooth dogfish, Florida smoothhound, and Gulf smoothhound.  |
| Atlantic HMS | Porbeagle - Northwestern Atlantic | A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to implement and monitor an international rebuilding plan to rebuild the stock throughout its range.  |
| Atlantic HMS | Prohibited Species                | Stocks that cannot be retained in commercial or recreational fisheries include Atlantic Angel, Basking, Bigeye Sand Tiger, Bigeye Sixgill, Bigeye Thresher, Bignose, Caribbean Reef, Caribbean Sharpnose, Galapagos, Longfin Mako, Narrowtooth, Night, Sand Tiger, Sevengill, Sixgill, Smalltail, Whale, and White sharks.  |
| Atlantic HMS | Sailfish - Western Atlantic       | A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.   |
| Atlantic HMS | Shortfin mako - North Atlantic    | A domestic rebuilding plan is in place for this stock. The United States continues to work with the International Commission for the Conservation of Atlantic Tunas to develop and implement an international rebuilding plan to rebuild the stock throughout its range. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.   |
| Atlantic HMS | White marlin - Atlantic           | White marlin has been in a domestic rebuilding plan since 2001. In 2019, an international rebuilding plan developed through the International Commission for the Conservation of Atlantic Tunas was put in place for this stock. The United States catches only a small portion of total catches for this stock. There is currently not enough information to project when this stock is expected to rebuild.   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock   | Footnote  |
|--------------|---|---|
| Atlantic HMS | Yellowfin tuna - Atlantic   | The New England Fishery Management Council (NEFMC) was notified on October 13, 2020 that this stock is overfished. The NEFMC has two years from this date to implement a rebuilding plan for Atlantic herring.  |
| CFMC         | Caribbean Aquarium Trade Plants and Invertebrates Species Complex | Caribbean Aquarium Trade Plants and Invertebrates Species Complex contains the following potentially harvested species: Sponges: Erect rope sponge, chicken liver sponge, Cynachirella alloclada , potato sponge, finger sponge, Myriastra spp., pink vase sponge, lavender rope sponge, Spinoseella polycifera , S. vaginalis, Tethya crypta ; Coelenterates: Pale anemone, corkscrew anemone, giant pink-tipped anemone, knobby anemone, Lebrunia spp. staghorn anemone, sun anemone, Zoanthus spp. sea mat, Diacosoma spp. false coral, Florida false coral; Annelid Worms: Sabellastarte spp. tube worms, magnificent duster, Christmas tree worm; Mollusks: Lettuce sea slug, netted olive, flamingo tongue, Lima spp., fileclams, rough fileclam, Atlantic thorny oyster, Octopus spp. (except the Common octopus, O. vulgaris); Arthropods: Snapping shrimp, Paguristes spp. hermit crabs, red reef hermit, nimble spray crab, Lysmata spp. peppermint shrimp, anemone shrimp, Mithrax spp. clinging crabs, banded clinging crabs, green clinging crabs, yellowline arrow crabs, Periclimenes spp. cleaner shrimp, Gonodactylus spp., Lysiosquilla spp., banded shrimp, golden shrimp; Echinoderms: Swimming crinoid, Davidaster spp., Crinoids, Nemaster spp. Crinoids, Astropecten spp. sand stars, common comet star, comet star, cushion sea star, giant basket star, Ophiocoma spp. brittlestars, Ophioderma spp. brittlestars, ruby brittlestar, long-spined urchin, Echinometra spp. purple urchin, pencil urchin, Lytechinus spp. pin cushion urchin, sea egg, Holothuria spp. sea cucumbers, Tunicates-Subphylum Urochordata. |
| CFMC         | Caribbean Aquarium Trade Reef Fish Species Complex                | Caribbean Aquarium Trade Species Complex contains the following species: Creole wrasse, yellowhead wrasse, yellowcheek wrasse, clown wrasse, bluehead wrasse, peppermint basslet, fairy basslet, yellowtail damselfish, dusky damselfish, bicolor damselfish, threespot damselfish, beaugregory, foureye butterflyfish, longsnout butterflyfish, spotfin butterflyfish, banded butterflyfish, lantern bass, orangeback bass, tobaccobass, harlequin bass, chalk bass, yellowhead jawfish, dusky jawfish, pearly razorfish, green razorfish, chain moray, green moray, goldentail moray, neon goby, rusty goby, jackknife-fish, spotted drum, blue chromis, sunshinefish, sergeant major, conchfish, flamefish, redspotted hawkfish, frogfish, peacock flounder, Atlantic spadefish, sharpnose puffer, cherubfish, porcupinefish, flying gurnard, glasseye snapper, butter hamlet, rock beauty, goldspotted eel, redlip blenny, high-hat, greater soapfish, sand diver, Caribbean tonguefish, Seahorses, Pipefishes, Batfish, and Scorpionfish.  |
| CFMC         | Caribbean Groupers  | Caribbean Groupers is composed of black, misty, red, tiger, yellowedge, and yellowfin grouper; and coney, graysby, red hind, and rock hind. There is no indicator species for this unit. Grouper unit 4 had previously been listed as overfished, but all grouper stocks are now consolidated into Caribbean Groupers, except goliath grouper and Nassau grouper. The consolidation was the result of amendments to implement required Annual Catch Limit (ACL) provisions. The overfished status of the new grouper complex is unknown and these stocks have not yet been assessed. They remain under catch limits to prevent overfishing.   |
| CFMC         | Caribbean Parrotfishes Complex                                    | Caribbean Parrotfishes is composed of blue, midnight, princess, queen, rainbow, striped, redband, redtail, redfin, and stoplight parrotfishes. There is no indicator species for this unit.   |
| CFMC         | Caribbean Snappers  | Caribbean Snappers is composed of black, blackfin, cardinal, dog, gray, lane, mahogany, mutton, Queen, silk, vermilion, and yellowtail snapper; and schoolmaster and wenchman. There is no indicator species for this unit.   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock  | Footnote  |
|--------------|--|---|
| CFMC         | Caribbean Tilefishes Complex                     | Caribbean Tilefishes Complex is part of the Caribbean Reef Fish FMU and is composed of blackline and sand tilefishes. There is no indicator species for this unit.  |
| CFMC         | Puerto Rico Angelfishes Complex                  | Puerto Rico Angelfishes Complex is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.  |
| CFMC         | Puerto Rico Boxfishes Complex                    | Puerto Rico Boxfishes Complex is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.                               |
| CFMC         | Puerto Rico Goatfishes Complex                   | Puerto Rico Goatfishes Complex is composed of spotted and yellow goatfishes. There is no indicator species for this unit.   |
| CFMC         | Puerto Rico Grunts Complex                       | Puerto Rico Grunts Complex is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.   |
| CFMC         | Puerto Rico Jacks Complex                        | Puerto Rico Jacks Complex is composed of blue runner, greater amberjack, horseeye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.   |
| CFMC         | Puerto Rico Scups and Porgies Complex            | Puerto Rico Porgies Complex is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.   |
| CFMC         | Puerto Rico Squirrelfishes Complex               | Puerto Rico Squirrelfishes Complex is composed of black bar soldierfish, longspine squirrelfish, bigeye ( <i>Priacanthus arenatus</i> ), and squirrelfish. There is no indicator species for this unit.         |
| CFMC         | Puerto Rico Surgeonfishes Complex                | Puerto Rico Surgeonfish Complex is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.  |
| CFMC         | Puerto Rico Triggerfishes and Filefishes Complex | Puerto Rico Triggerfishes and Filefishes Complex is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon. There is no indicator species for this unit. |
| CFMC         | Puerto Rico Wrasses Complex                      | Puerto Rico Hogfish/Wrasses Complex is composed of hogfish, Spanish hogfish, and puddingwife. There is no indicator species for this unit.  |
| CFMC         | St. Croix Angelfishes Complex                    | St. Croix Angelfishes Complex is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.  |
| CFMC         | St. Croix Boxfishes Complex                      | St. Croix Boxfishes Complex is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.                                 |
| CFMC         | St. Croix Goatfishes Complex                     | St. Croix Goatfishes Complex is composed of spotted and yellow goatfishes. There is no indicator species for this unit.   |
| CFMC         | St. Croix Grunts Complex                         | St. Croix Grunts Complex is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.   |
| CFMC         | St. Croix Jacks Complex                          | St. Croix Jacks Complex is composed of blue runner, greater amberjack, horseeye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.   |
| CFMC         | St. Croix Scups and Porgies Complex              | St. Croix Porgies Complex is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.   |
| CFMC         | St. Croix Squirrelfishes Complex                 | St. Croix Squirrelfishes Complex is composed of black bar soldierfish, longspine squirrelfish, bigeye ( <i>Priacanthus arenatus</i> ), and squirrelfish. There is no indicator species for this unit.           |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock  | Footnote  |
|--------------|--|---|
| CFMC         | St. Croix Surgeonfishes Complex                            | St. Croix Surgeonfish Complex is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.  |
| CFMC         | St. Croix Triggerfishes and Filefishes Complex             | St. Croix Triggerfishes and Filefishes Complex is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon. There is no indicator species for this unit.           |
| CFMC         | St. Croix Wrasses Complex                                  | St. Croix Hogfish/Wrasses Complex is composed of hogfish, Spanish hogfish, and puddingwife. There is no indicator species for this unit.  |
| CFMC         | St. Thomas / St. John Angelfishes Complex                  | St. Thomas/St. John Angelfishes Complex is composed of queen, gray, and French angelfishes. There is no indicator species for this unit.  |
| CFMC         | St. Thomas / St. John Boxfishes Complex                    | St. Thomas/St. John Boxfishes Complex is composed of honeycombed and scrawled cowfishes; trunkfish, spotted trunkfish, and smooth trunkfish. There is no indicator species for this unit.                               |
| CFMC         | St. Thomas / St. John Goatfishes Complex                   | St. Thomas/St. John Goatfishes Complex is composed of spotted and yellow goatfishes. There is no indicator species for this unit.   |
| CFMC         | St. Thomas / St. John Grunts Complex                       | St. Thomas/St. John Grunts Complex is composed of white grunt, tomtate, blue striped grunt, French grunt, margate, and porkfish. There is no indicator species for this unit.   |
| CFMC         | St. Thomas / St. John Jacks Complex                        | St. Thomas/St. John Jacks Complex is composed of blue runner, greater amberjack, horseeye, black, almaco, bar, and yellow jacks. There is no indicator species for this unit.   |
| CFMC         | St. Thomas / St. John Scups and Porgies Complex            | St. Thomas/St. John Porgies Complex is composed of jolthead porgy, sea bream, sheepshead porgy, and pluma. There is no indicator species for this unit.   |
| CFMC         | St. Thomas / St. John Squirrelfishes Complex               | St. Thomas/St. John Squirrelfishes Complex is composed of black bar soldierfish, longspine squirrelfish, bigeye ( <i>Priacanthus arenatus</i> ), and squirrelfish. There is no indicator species for this unit.         |
| CFMC         | St. Thomas / St. John Surgeonfishes Complex                | St. Thomas/St. John Surgeonfish Complex is composed of doctorfish, bluetang, and ocean surgeonfish. There is no indicator species for this unit.  |
| CFMC         | St. Thomas / St. John Triggerfishes and Filefishes Complex | St. Thomas/St. John Triggerfishes and Filefishes Complex is composed of ocean, queen, and Sargassum triggerfishes; scrawled and whitespotted filefishes; and black durgon. There is no indicator species for this unit. |
| CFMC         | St. Thomas / St. John Wrasses Complex                      | St. Thomas/St. John Hogfish/Wrasses Complex is composed of hogfish, Spanish hogfish, and puddingwife. There is no indicator species for this unit.  |
| GMFMC        | Black corals ( <i>Antipatharia</i> ) - Gulf of Mexico      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.  |
| GMFMC        | Fire corals ( <i>Milleporidae</i> ) - Gulf of Mexico       | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.  |
| GMFMC        | Hydrocorals ( <i>Stylasteridae</i> ) - Gulf of Mexico      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.  |
| GMFMC        | Sea fans ( <i>Gorgonia</i> spp.) - Gulf of Mexico          | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.  |
| GMFMC        | Stony corals ( <i>Scleractinia</i> ) - Gulf of Mexico      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.  |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock   | Footnote  |
|--------------|---|---|
| GMFMC        | Gulf of Mexico Deep Water Grouper Complex   Status      | The Deep Water Grouper Complex contains snowy grouper, speckled hind, Warsaw grouper, and yellowedge grouper.   |
| GMFMC        | Gulf of Mexico Jacks Complex   Status & ACL             | The Jacks Complex contains Almaco jack, banded rudderfish, and lesser amberjack.  |
| GMFMC        | Gulf of Mexico Mid-Water Snapper Complex   Status & ACL | The Mid-Water Snapper Complex contains blackfin snapper, Queen snapper, silk snapper, and wenchman.   |
| GMFMC        | Gulf of Mexico Shallow Water Grouper Complex   Status   | The Shallow Water Grouper Complex contains scamp, black grouper, yellowfin grouper, and yellowmouth grouper.  |
| GMFMC        | Gulf of Mexico Tilefishes Complex                       | The Gulf of Mexico Tilefishes Complex contains tilefish, blueline tilefish, and goldface tilefish.  |
| NEFMC        | Atlantic salmon - Gulf of Maine                         | Rebuilding of Atlantic salmon is being pursued under the Endangered Species Act. Atlantic salmon was listed as endangered under the ESA in December 2000.   |
| NEFMC        | Red deepsea crab - Northwestern Atlantic                | In the most recent stock assessments (NEFSC 2006) the current MSY and BMSY estimates for red crabs were judged unreliable. The assessment results supported a determination of not subject to overfishing, but could not provide adequate information to support an overfished determination.   |
| NEFMC        | Atlantic wolffish - Gulf of Maine / Georges Bank        | Because the life history of Atlantic wolffish is not well understood, there is considerable uncertainty in the evaluation of stock projections and a rebuilding period or a rebuilding F for this species at this time.   |
| NEFMC        | Ocean pout - Northwestern Atlantic Coast                | This is the second rebuilding plan. The first rebuilding plan was implemented in 2004 and targeted to rebuild by 2014, but the stock failed to rebuild under the first plan.  |
| NEFMC        | Windowpane - Gulf of Maine / Georges Bank               | The rebuilding plan for Gulf of Maine/Georges Bank windowpane was implemented in 2010 and the stock was targeted to rebuild by 2017, but the stock failed to rebuild. The rebuilding plan was revised and the new start date is July 18, 2019 and the stock is expected to rebuild by 2029 (10-year rebuilding plan).   |
| NEFMC        | Yellowtail flounder - Georges Bank                      | The rebuilding plan for Georges Bank yellowtail flounder was implemented in 2006 and the stock was targeted to rebuild by 2014 (8-year rebuilding plan), was later extended to rebuild by 2016 (10-year rebuilding plan), and was again extended to rebuild by 2032 (26-year rebuilding plan). The status of this stock is based on the Transboundary Resources Assessment Committee finalized in 2013, which was the last accepted assessment that supported stock status advice. Empirical assessments were conducted in 2017 and 2018, but were not used to support overfishing or overfished stock status determinations. |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock  | Footnote   |
|--------------|--|--|
| NPFMC        | Blue king crab - Pribilof Islands  | Pribilof Islands blue king crab was previously in a rebuilding plan that started in 2004 and had a target end date of 2014. The new plan implemented January 1, 2015 does not specify a target rebuilding date because it is not known when the stock is expected to rebuild. The Pribilof Islands Habitat Conservation Zone (PIHCZ) has been closed to groundfish trawling since 1995 and beginning in 2015, there is a prohibition on directed cod pot fishing in the PIHCZ. The causes of the stock decline are thought to be predominantly due to environmental changes that inhibit blue king crab reproduction. For this stock to rebuild, the stock would likely require multiple years of above average recruitment and/or a change in environmental conditions to increase larval productivity around the Pribilof Islands. |
| NPFMC        | Blue king crab - Saint Matthew Island                                    | Blue king crab - Pribilof Islands is now overfished. The North Pacific Fishery Management Council was notified of the overfished status on 10/22/2018 of its status and has two years from this date to implement a rebuilding plan for this stock.  |
| NPFMC        | Arctic cod - Arctic Management Area                                      | There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.   |
| NPFMC        | Saffron cod - Arctic Management Area                                     | There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.   |
| NPFMC        | Snow crab - Arctic Management Area                                       | There is no commercial fishing for this stock, including Alaska state waters and international fishing, so fishing mortality is expected to be zero.   |
| NPFMC        | Bering Sea / Aleutian Islands Blackspotted and Rougheye Rockfish Complex | Blackspotted and Rougheye Rockfish consists of Blackspotted Rockfish and Rougheye Rockfish. An assessment of the combined species provides the overfished determination, and the OFL is based on the combined-species assessment.  |
| NPFMC        | Bering Sea / Aleutian Islands Octopus Complex                            | The Octopus Complex consists of Giant Pacific Octopus, Flapjack Devilfish, Pelagic Octopus, Smoothskin Octopus, Octopus Benthooctopus oregonensis, Octopus Graneledone boreopacifica, and Octopus Bathypolypus arcticus. The Giant Octopus is regarded as the indicator species for this complex.  |
| NPFMC        | Bering Sea / Aleutian Islands Other Flatfish Complex                     | The Other Flatfish Complex consists of the following stocks: Arctic Flounder, Butter Sole, Curlfin Sole, Deepsea Sole, Dover Sole, English Sole, Longhead Dab, Pacific Sanddab, Petrale Sole, Rex Sole, Roughscale Sole, Sakhalin Sole, Sand Sole, Slender Sole, and Starry Flounder. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.  |
| NPFMC        | Bering Sea / Aleutian Islands Other Rockfish Complex                     | The Other Rockfish Complex consists of the following stocks: Dusky Rockfish, Harlequin Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Shortspine Thornyhead, and Yelloweye Rockfish. The overfishing determination is based on the OFL, which is computed by using abundance estimates of the complex.  |
| NPFMC        | Bering Sea / Aleutian Islands Shark Complex                              | The Shark Complex consists of Pacific Sleeper Shark, Salmon Shark, and Spiny Dogfish.  |
| NPFMC        | Gulf of Alaska Deepwater Flatfish Complex                                | The Deep Water Flatfish Complex consists of the following stocks: Deepsea Sole, Dover Sole, and Greenland Turbot. Dover sole is the indicator species for determining the status of this stock complex.  |
| NPFMC        | Gulf of Alaska Octopus Complex   | The Octopus Complex consists of Flapjack Devilfish, Giant Pacific Octopus, Pelagic Octopus, Red Octopus, Smoothskin Octopus, Vampire Squid, and North Pacific Bigeye Octopus. The Giant Octopus is regarded as the indicator species for this complex. There is no OFL specified for this complex. The TAC is set at an amount less than or equal to 5 percent of the combined TACs for the remainder of the groundfish fishery.   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock  | Footnote  |
|--------------|--|---|
| NPFMC        | Gulf of Alaska Other Rockfish Complex                    | The Other Rockfish Complex consists of the following stocks: Canary Rockfish, China Rockfish, Copper Rockfish, Quillback Rockfish, Rosethorn Rockfish, Tiger Rockfish, and Yelloweye Rockfish (demersal shelf rockfish); and Blackgill Rockfish, Bocaccio, Chilipepper, Darkblotched Rockfish, Greenstriped Rockfish, Harlequin Rockfish, Northern Rockfish, Pygmy Rockfish, Redbanded Rockfish, Redstripe Rockfish, Sharpchin Rockfish, Silvergray Rockfish, Splitnose Rockfish, Stripetail Rockfish, Vermilion Rockfish, Widow Rockfish, Yelloweye Rockfish, and Yellowmouth Rockfish in various districts in the Gulf of Alaska. |
| NPFMC        | Gulf of Alaska Shark Complex                             | The Shark Complex consists of Pacific Sleeper Shark, Salmon Shark, and Spiny Dogfish.   |
| NPFMC        | Gulf of Alaska Skate Complex                             | The Skate Complex consists of the following stocks: Alaska Skate, Aleutian Skate, Bering Skate, Deepsea Skate, Roughshoulder Skate, Routhtail Skate, and Whiteblotched Skate. The overfishing determination is based on the combined abundance estimates of these species.  |
| NPFMC        | Alaska Coho Salmon Assemblage                            | The Alaska Coho Salmon Assemblage consists of coho, sockeye, pink, and chum salmon throughout southeast Alaska. There are 3 indicator stocks of coho salmon that are used to determine the status of the assemblage; these indicator stocks are Auke Creek, Berners River, and Hugh Smith Lake.   |
| PFMC         | Minor Nearshore Rockfish North                           | Minor Nearshore Rockfish North contains the following stocks: black-and-yellow, blue, brown, calico, China copper, gopher, grass, kelp, olive, quillback, and treefish. The management unit is North of 40°10 N lat   |
| PFMC         | Minor Nearshore Rockfish South                           | Minor Nearshore Rockfish South contains the following stocks: Black-and-yellow, gopher, grass, kelp, blue, brown, calico, olive, and quillback rockfish; and treefish. The management unit is South of 40°10 N lat.   |
| PFMC         | Minor Shelf Rockfish North                               | Minor Shelf Rockfish North contains the following stocks: bronzespotted, chameleon, chilipepper, dusky, dwarf-red, flag, freckled, greenblotched, greenspotted, greenstriped, halfbanded, harlequin, honeycomb, Mexican, pink, pinkrose, pygmy, redstripe, rosethorn, rosy, silvergray, speckled, squarespot, starry, stripetail, swordspine, tiger, and vermilion rockfish; and bocaccio and cowcod. The management unit is North of 40°10 N lat.  |
| PFMC         | Minor Shelf Rockfish South                               | Minor Shelf Rockfish South contains the following stocks: Bronzespotted, chameleon, dusky, dwarf-red, flag, freckled, greenblotched, greenspotted, greenstriped, halfbanded, harlequin, honeycomb, Mexican, pink, pinkrose, pygmy, redstripe, rosethorn, rosy, silvergray, speckled, squarespot, starry, swordspine, tiger, vermilion, and yellowtail rockfish. The management unit is South of 40°10 N lat.  |
| PFMC         | Minor Slope Rockfish North                               | Minor Slope Rockfish North contains the following stocks: Aurora, bank, blackgill, redbanded, rougheye, sharpchin, shortraker, splitnose, and yellowmouth rockfish. The management unit is North of 40°10 N lat.  |
| PFMC         | Minor Slope Rockfish South                               | Minor Slope Rockfish South contains the following stocks: Aurora, bank, blackgill, redbanded, rougheye, sharpchin, shortraker, and yellowmouth rockfish; and Pacific ocean perch. The management unit is South of 40°10 N lat.  |
| PFMC         | Other Fish   | Other Fish contains the following stocks: Kelp greenling and leopard shark.   |
| PFMC         | Other Flatfish   | Other Flatfish contains the following stocks: Butter sole, curlfin sole, flathead sole, rex sole, rock sole, and sand sole; and Pacific sanddab.  |
| PFMC         | Pacific Coast Blackspotted and Rougheye Rockfish Complex | Rougheye rockfish and blackspotted rockfish were assessed together to support the status of the combined stock complex.   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction    | Stock  | Footnote   |
|-----------------|--|--|
| PFMC            | Coho salmon - Oregon<br>Production Index Area: Lower<br>Columbia Natural | Oregon Coastal Natural (OCN) coho are managed subject to the provisions of Amendment 13 to the Salmon FMP. The southern stock complex is listed as a threatened species under the ESA as part of the Southern Oregon / Northern California Coasts Coho ESU (May 6, 1997), and the northern components, Oregon Coast coho, are also listed as threatened. The OCN stocks have met their management objectives in recent years.  |
| PFMC            | Coho salmon - Oregon<br>Production Index Area:<br>Oregon Coast Natural   | Oregon Coastal Natural (OCN) coho are managed subject to the provisions of Amendment 13 to the Salmon FMP. The southern stock complex is listed as a threatened species under the ESA as part of the Southern Oregon / Northern California Coasts Coho ESU (May 6, 1997), and the northern components, Oregon Coast coho, are also listed as threatened. The OCN stocks have met their management objectives in recent years.  |
| PFMC            | Coho salmon - Puget Sound:<br>Snohomish                                  | The Pacific Fishery Management Council (PFMC) was notified by NMFS on 6/18/2018 that this stock is overfished and now requires a rebuilding plan. The PFMC has two years from this date to implement a rebuilding plan.  |
| PFMC            | Coho salmon - Washington<br>Coast: Queets                                | The Pacific Fishery Management Council (PFMC) was notified by NMFS on 6/18/2018 that this stock is overfished and now requires a rebuilding plan. The PFMC has two years from this date to implement a rebuilding plan.  |
| PFMC            | Coho salmon - Washington<br>Coast: Strait of Juan de Fuca                | The Pacific Fishery Management Council (PFMC) was notified by NMFS on 6/18/2018 that this stock is overfished and now requires a rebuilding plan. The PFMC has two years from this date to implement a rebuilding plan.  |
| PFMC            | Pink salmon - Puget Sound  | The PFMC manages these fisheries consistent with provisions of the Pacific Salmon Treaty. These stocks originate from either U.S. or Canadian waters and are managed as mixed stock fisheries.   |
| PFMC /<br>WPFMC | Pacific bluefin tuna - Pacific   | The PFMC and WPFMC were first notified on April 8, 2013 that this stock is overfished. Under section 304(i) of the Magnuson-Stevens Act, a domestic rebuilding plan will not be developed for this stock because the overfishing and overfished status is due to excessive international fishing pressure and current international measures in place will not end overfishing or rebuild the stock. However, NMFS and the Councils maintain domestic regulations that address the impact of U.S. fishing vessels, and are working with the State Department to reduce fishing and rebuild this stock. Internationally, the Western and Central Pacific Fisheries Commission (WCPFC) and the Inter-American Tropical Tuna Commission (IATTC) manage this stock. The most recent stock assessment was completed in 2016, but did not incorporate data from years in which more stringent catch restrictions have been in place for both U.S. commercial and recreational fisheries as well as for foreign fisheries. The next stock assessment is expected to be completed in 2018 and include data from 2015 and 2016, when more stringent catch restrictions were in place. |
| PFMC /<br>WPFMC | Striped marlin - Western and<br>Central North Pacific                    | NMFS first notified the PFMC and the WPFMC that the Western and Central North Pacific stock of striped marlin to be subject to overfishing and overfished on December 5, 2013. On June 1, 2016, NMFS determined the stock continues to be subject to overfishing and overfished. Internationally, the Western and Central Pacific Fisheries Commission (WCPFC) and the Inter-American Tropical Tuna Commission (IATTC) manage this stock. Under section 304(i) of the Magnuson-Stevens Act, a domestic rebuilding plan will not be developed for this stock because the overfishing and overfished status is due to excessive international fishing pressure and current international measures in place will not end overfishing or rebuild the stock. In lieu of a formal domestic rebuilding plan, NMFS will continue to work with the WPFMC and PFMC, and the State Department to determine if more effective management measures should be proposed to the WCPFC and IATTC for 2016 and beyond.   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction  | Stock  | Footnote   |
|---------------|--|--|
| SAFMC         | Black corals (Antipatharia) - Southern Atlantic Coast      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.<br>□  |
| SAFMC         | Fire corals (Milleporidae) - Southern Atlantic Coast       | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.   |
| SAFMC         | Hydrocorals (Stylasteridae) - Southern Atlantic Coast      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.   |
| SAFMC         | Soft corals (Octocorallia) - Southern Atlantic Coast       | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.   |
| SAFMC         | Stony corals (Scleractinia) - Southern Atlantic Coast      | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.   |
| SAFMC         | Sargassum - Southern Atlantic Coast                        | On July 11, 2003, NMFS partially approved the FMP for this stock. Although one of the disapproved provisions included the MFMT, a component of the overfishing definition, an examination of the rate of harvest (currently zero), relative to the approved MSY level (100,000 mt), indicates that overfishing is not occurring. In addition, no directed fishery for this stock currently exists. This species has the capacity to increase its biomass through vegetative growth by as much as 10 percent per day, thus doubling its biomass every two weeks. Therefore, it is unlikely that this stock is overfished. |
| SAFMC         | Nassau grouper - Southern Atlantic Coast / Gulf of Mexico  | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is very low.   |
| SAFMC         | South Atlantic Deepwater Snapper-Grouper Complex           | The Deepwater Snapper-Grouper Complex contains blackfin snapper, misty grouper, yellowedge grouper, Queen snapper, sand tilefish, and silk snapper.  |
| SAFMC         | South Atlantic Grunts Complex                              | The Grunts Complex contains margate, sailor's choice, tomtate, and white grunt.  |
| SAFMC         | South Atlantic Jacks Complex                               | The Jacks Complex contains Almaco jack, banded rudderfish, and lesser amberjack.   |
| SAFMC         | South Atlantic Porgy Complex                               | The Porgy Complex contains jolthead porgy, knobbed porgy, saucereye porgy, scup, and whitebone porgy.  |
| SAFMC         | South Atlantic Shallow Water Snapper-Grouper Complex       | The Shallow Water Snapper-Grouper contains coney, graysby, red hind, rock hind, yellowfin grouper, and yellowmouth grouper.  |
| SAFMC         | South Atlantic Snappers Complex                            | The Snappers Complex contains Cubera snapper, gray snapper, and lane snapper.  |
| SAFMC / GMFMC | Goliath grouper - Southern Atlantic Coast / Gulf of Mexico | Fishery in the EEZ and state waters is closed; therefore, fishing mortality is approaching zero.   |
| WPFMC         | 180 Fathom Bank Precious Coral Complex                     | The 180 Fathom Bank Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock   | Footnote   |
|--------------|---|--|
| WPFMC        | Au'au Bed Black Coral Complex   | The Au'au Bed Black Coral Complex contains <i>Antipathes grandis</i> , <i>Antipathes griggi</i> , and <i>Myriopathes ulex</i> .  |
| WPFMC        | Brooks Bank Precious Coral Complex                                    | The Brooks Bank Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).  |
| WPFMC        | Deepwater shrimps ( <i>Heterocarpus</i> spp.) - Main Hawaiian Islands | Deepwater shrimps include shrimp in the family Pandalidae.   |
| WPFMC        | Hancock Seamount Groundfish Complex                                   | This stock complex uses pelagic armorhead as the indicator species of a three-species seamount groundfish complex that includes raftfish and alfoncin. Overfishing and overfished status determination criteria were approved in 2003 for the seamount groundfish stock complex. Due to the data poor nature of this stock complex, the overfished status determination was made using a data-poor method prior to 2003 and there is currently not enough information to conduct a stock assessment using the criteria approved in 2003. This stock complex does not have a formal rebuilding plan or time period for rebuilding because it cannot be predicted when the stock will rebuild. The fishery in the U.S. EEZ has been closed under sequential 6-year moratoria since the inception of the FMP in 1986. Effective Dec 2010, fishing for bottomfish and seamount groundfish at the Hancock Seamounts is prohibited until the stock is rebuilt - these measures are considered as a de facto rebuilding plan. |
| WPFMC        | Hawaiian Archipelago Exploratory Area Precious Coral Complex          | The Hawaii Archipelago Exploratory Area Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).  |
| WPFMC        | Kaena Point Bed Precious Coral Complex                                | The Kaena Point Bed Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).   |
| WPFMC        | Keahole Bed Precious Coral Complex                                    | The Keahole Bed Precious Coral Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).  |
| WPFMC        | Makapu'u Bed Precious Corals Multi-species Complex                    | Makapu'u Bed Precious Corals Multi-species Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), and bamboo coral ( <i>Acanella</i> sp.).  |
| WPFMC        | Northwestern Hawaiian Islands Bottomfish Multi-species Complex        | This complex contains 8 species including one grouper: Hawaiian grouper and six snappers: crimson jobfish, flame snapper, green jobfish, oblique-banded snapper, lavender jobfish, ruby snapper, and rusty jobfish.  |
| WPFMC        | Northwestern Hawaiian Islands Crustacean Complex                      | The Northwestern Hawaiian Islands Crustacean Complex include: <i>Ranina ranina</i> (spanner crab), and <i>Heterocarpus</i> spp. (deepwater shrimp and nylon shrimp). Harvest quota for lobster is set at zero for the commercial lobster fishery in Northwest Hawaiian Islands Marine National Monument.   |
| WPFMC        | Westpac Bed Refugium-Precious Corals Complex                          | Westpac Bed refugium- Precious Corals Complex contains: pink coral ( <i>Pleurocorallium secundum</i> ), red coral ( <i>Hemicorallium laauense</i> ), gold coral ( <i>Kulamanamana haumea</i> ), bamboo coral ( <i>Acanella</i> sp.), and black coral ( <i>Antipathes griggi</i> , <i>Antipathes grandis</i> , <i>Myriopathes ulex</i> ).   |

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Table D. Endnotes for Non-FSSI Stocks

| Jurisdiction | Stock  | Footnote  |
|--------------|--|---|
| WPFMC        | Oceanic whitetip shark - Western and Central Pacific                   | NMFS notified the WPFMC (Council) on May 1, 2020 that this stock is subject to overfishing and is overfished. In addition to management efforts by NMFS and the Council, management of the oceanic whitetip shark in the WCPO is shared with the Western and Central Pacific Fisheries Commission. This stock meets the requirements under section 304(i) of the Magnuson-Stevens Act so a domestic rebuilding plan will not be developed for this stock because: (1) the overfishing and overfished status is due to excessive international fishing pressure; and (2) because it has not been determined that management measures adopted by the WCPFC will end overfishing and rebuild the stock. Consistent with Magnuson-Stevens Act section 304(i), the Council is required to: (1) Within one year, develop and submit recommendations to the Secretary of Commerce for domestic regulations to address the relative impact of fishing vessels of the United States on the WCPO oceanic whitetip shark stock, and (2) Develop and submit recommendations to the Secretary of State and to Congress for international actions that will end overfishing and rebuild the WCPO oceanic whitetip shark stock, taking into account the relative impact of vessels of other nations and vessels of the United States on the stock. |
| WPFMC        | Pacific Other Tuna Relatives Complex                                   | The management unit includes <i>Auxis</i> spp. (frigate mackerels), <i>Allothenus</i> spp. (slender tunas), and <i>Scomber</i> spp. (mackerels).  |
| WPFMC        | Western Pacific Squid Complex  | The Squid Complex contains <i>Ommastrephes bartamii</i> (neon flying squid), <i>Thysanoteuthis rhombus</i> (diamondback squid), and <i>Sthenoteuthis oualaniensis</i> (purple flying squid.)  |
| WPFMC        | Pacific Remote Island Areas Black Precious Coral Complex               | The Pacific Remote Islands Areas Black Precious Coral Complex contains <i>Antipathes dichotoma</i> , <i>Antipathes grandis</i> and <i>Antipathes ulex</i> .   |
| WPFMC        | Pacific Remote Island Areas Bottomfish Complex                         | The Pacific Remote Island Areas Bottomfish Complex contains an assemblage of 12 species, including jacks, snappers, emperors and groupers.  |
| WPFMC        | Pacific Remote Island Areas Coral Reef Ecosystem Multi-species Complex | The Pacific Island Remote Areas Coral Reef Ecosystem Multi-species Complex contains 54 "currently harvested coral reef taxa" and innumerable "potentially harvested coral reef taxa." The Pacific remote island areas (PRIA) are U.S. island possessions in the Pacific Ocean that include Palmyra Atoll, Kingman Reef, Jarvis Island, Baker Island, Howland Island, Johnston Atoll, Wake Island, and Midway Atoll. All reefs of the PRIA except Wake Island, which is under the jurisdiction of the Department of Defense, are National Wildlife Refuges. Fishing for coral reef-associated species is prohibited in all these areas except Palmyra Atoll, Johnston Atoll, Wake Island, and Midway Atoll.  |
| WPFMC        | Pacific Remote Island Areas Crustacean Complex                         | The Pacific Remote Island Areas Crustaceans include <i>Panulirus marginatus</i> (spiny lobster), <i>Panulirus penicillatus</i> (spiny lobster), Family Scyllaridae (slipper lobster), <i>Ranina ranina</i> (Kona crab), and <i>Heterocarpus</i> spp. (deepwater shrimp).  |
| WPFMC        | Pacific Remote Island Areas Exploratory Area Precious Coral Complex    | The Pacific Remote Island Areas Exploratory Area Precious Coral Complex contains pink coral ( <i>Corallium</i> spp.), gold coral ( <i>Gerardia</i> spp. and <i>Narella</i> spp.) and bamboo coral ( <i>Acanella</i> spp., <i>Calyptropora</i> spp. and <i>Lepididolapa</i> ).   |

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## Tables E-G. Other Stocks

Table E. Ecosystem Component Species

| Jurisdiction | FMP   | Species contained in Ecosystem Component Group  |
|--------------|---|---|
| MAFMC        | Atlantic Mackerel, Squid and Butterfish; Atlantic Surfclam and Ocean Quahog; Bluefish; Summer Flounder, Scup and Black Sea Bass; and Tilefish | Anchovies, Argentines, Greeneyes, Halfbeaks, Herrings and Sardines, Lanternfishes, Pearlsides, Sand lances, Silversides, Cusk-eels, Atlantic Saury, Pelagic Mollusks, Copepods, Krill, Amphipods, and other species under one inch as adults.   |
| PFMC         | Coastal Pelagic Species, Pacific Coast Groundfish, U.S. West Coast Fisheries for Highly Migratory Species, and Pacific Coast Salmon           | Shared EC species include: round herring, thread herring, Mesopelagic fishes including families: Myctophidae, Bathylagidae, Paralepididae, and Gonostomatidae, Pacific sand lance, Pacific saury, silversides, smelts, and pelagic squids including families: Cranchiidae, Gonatidae, Histioteuthidae, Octopoteuthidae, Ommastrephidae except Humboldt squid ( <i>Dosidicus gigas</i> ), Onychoteuthidae, and Thysanoteuthidae.   |
| PFMC         | Pacific Coast Groundfish  | Aleutian skate, Bering skate, California skate, rougtail skate, all other endemic skates in the family Arhynchobatidae, Pacific grenadier, giant grenadier, all other endemic grenadiers in the family Arhynchobatidae, finescale codling, ratfish, and tope (soupfin shark).   |
| PFMC         | U.S. West Coast Fisheries for Highly Migratory Species  | Bigeye thresher, common mola mola, escolar, lancetfishes, louvar, pelagic sting ray, pelagic thresher shark, and wahoo. Prohibited species include Great white shark, Basking shark, mega mouth shark, Pacific halibut, Pink salmon, Chinook salmon, Chum salmon, Sockeye salmon, and Coho salmon.  |
| PFMC         | Coastal Pelagic Species   | Pacific herring and jacksmelt   |
| NPFMC        | Fish Resources of the Arctic Management Area  | All finfish other than Arctic cod and saffron cod; all marine invertebrates other than snow crab ( <i>C. opilio</i> ); all other forms of marine animals and plant life.  |
| NPFMC        | Scallop Fishery off Alaska  | Rock scallops and the <i>Chlamys</i> species  |
| NPFMC        | Groundfish of the Bering Sea and Aleutian Islands Management Area and Groundfish of the Gulf of Alaska  | Prohibited Species: Pacific halibut, Pacific herring, Pacific salmon, Steelhead trout, King crab, and Tanner crab. Forage Fish Species: Osmeridae family (eulachon, capelin, and other smelts), Myctophidae family (lanternfishes), Bathylagidae family (deep-sea smelts), Ammodytidae family (Pacific sand lance), Trichodontidae family (Pacific sand fish), Pholidae family (gunnels), Stichaeidae family (pricklebacks, warbonnets, eelblennys, cockscombs, and shannys), Gonostomatidae family (bristlemouths, lightfishes, and anglemouths), and Order Euphausiacea (krill). Grenadiers: Pacific grenadier, Popeye grenadier, Giant grenadier. Squids: Chiroteuthidae family, Cranchiidae family (glass squid), Gonatidae family (armhook squid), Onychoteuthidae family (hooked squid), and Order Sepioidea (North Pacific bobtail squid). Sculpins: Cottidae family, Hemitripterae family, Psychrolutidae family, and Rhamphocottidae family. |
| SAFMC        | Snapper-Grouper Fishery of the South Atlantic Region  | Bank sea bass, cottonwick, longspine porgy, ocean triggerfish, and rock sea bass  |
| WPFMC        | American Samoa Archipelago Ecosystem  | Black Precious Coral Complex, Coral Reef Ecosystem Multi-species Complex, Exploratory Area Precious Coral Complex, deepwater shrimps ( <i>Heterocarpus</i> spp.), slipper lobsters ( <i>Scyllaridae</i> ), spanner crab, and spiny lobsters ( <i>Panulirus</i> spp.)  |
| WPFMC        | Hawaii Archipelago Ecosystem  | Bigeye scad, Hawaiian Archipelago Coral Reef Ecosystem Multi-species Complex, mackerel scad, slipper lobsters ( <i>Scyllaridae</i> ), and spiny lobsters ( <i>Panulirus</i> spp.).  |

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Tables E-G. Other Stocks

**Table E. Ecosystem Component Species**

| Jurisdiction | FMP                           | Species contained in Ecosystem Component Group   |
|--------------|-------------------------------|--|
| WPFMC        | Mariana Archipelago Ecosystem | Deepwater shrimps ( <i>Heterocarpus</i> spp.) - Guam and NMI, Black Precious Coral Complex - Guam and NMI, Coral Reef Ecosystem Multi-species Complex - Guam and NMI, Exploratory Area Precious Coral Complex - Guam and NMI, pronghorn spiny lobster - Guam and NMI, slipper lobsters ( <i>Scyllaridae</i> ) - Guam and NMI, and spanner crab - Guam and NMI. |

**Table F. Data Collection Only Species**

| Jurisdiction | FMP   | Species contained in Data Collection Only Complex   |
|--------------|---|---|
| CFMC         | Corals and Reef Associated Plants and Invertebrates of Puerto Rico and the United States Virgin Islands | Invertebrates Data Collection Species Complex - fire corals, rose lace corals, encrusting gorgonian, deepwater sea fan, corky sea finger, <i>Carijoa riisei</i> , <i>Telesto</i> spp., sea whips, Venus sea fan, wide-mesh sea fan, common sea fan, sea plume, <i>P. albatrossae</i> , slimy sea plume, bipinnate plume, <i>P. rigida</i> , angular sea whip, yellow sea whip, warty sea rod, <i>E. clavigera</i> , doughnut sea rod, <i>E. knighti</i> , <i>E. laciniata</i> , <i>E. laxispica</i> , swollen-knob, shelf-knob sea rod, <i>E. towneforti</i> , <i>Muricea atlantica</i> , orange spiny rod, delicate spiny rod, spiny sea fan, long spine sea fan, <i>Muriceopsis</i> spp., rough sea plume, <i>M. sulphurea</i> , bent sea rod, black sea rod, slit-pore sea rod, <i>P. fusifera</i> , <i>P. grandiflora</i> , <i>P. grisea</i> , giant slit-pore, <i>Pseudoplexaura crucis</i> , <i>P. glagellosa</i> , porous sea rod, <i>P. wagneri</i> , staghorn coral, elkhorn coral, fused staghorn, lettuce leaf coral, fragile saucer, Lamarck's sheet, thin leaf lettuce, sunray lettuce, blushing star, flower coral, cup coral, tube coral, boulder coral, knobby brain coral, grooved brain, symmetrical brain, golfball coral, rose coral, Tortugas rose coral, boulder star coral, great star coral, smooth star coral, pillar coral, pancake star, elliptical star, maze coral, rough star coral, sinuous cactus, large flower coral, thin fungus coral, fat fungus coral, grooved fungus, fungus coral, artichoke coral, solitary disk, ivory bush coral, ten-ray star coral, yellow pencil, mustard hill coral, blue crust coral, small finger coral, finger coral, dwarf cup coral, hidden cup coral, lesser starlet, massive starlet, bushy black coral, and wire coral. |
| HMS          | Consolidated Atlantic Highly Migratory Species  | Atlantic Deepwater Shark Data Collection Species Complex - Arrowhead dogfish, Bahamas sawshark, blotched catshark, bramble shark, broadband lanternshark, broadgill catshark, Caribbean lanternshark, chain dogfish, cookiecutter shark, Cuban dogfish, deepwater catshark, dwarf catshark, fringe fin lanternshark, great lanternshark, green lanternshark, Greenland shark, gulper shark, Iceland catshark, kitefin shark, largetooth cookiecutter shark, lined lanternshark, little gulper shark, marbled catshark, needle dogfish, Portuguese shark, pygmy shark, roughskin dogfish, shortspine dogfish, smallfin catshark, smallmouth velvet dogfish, and smooth lanternshark.   |

**Table G. Stocks managed under an International Agreement**

| Jurisdiction | FMP  | Stock  |
|--------------|--|--|
| IPHC         | Species Managed Under International Agreement - International Pacific Halibut Commission | Pacific halibut - Pacific Coast / Alaska<br>Overfishing - Unknown Not Overfished |